

# 琉球大学学術リポジトリ

## 10桁のルジャンドル函数の数表

|       |  |
|-------|--|
| メタデータ | 言語:<br>出版者: 琉球大学工学部<br>公開日: 2012-03-27<br>キーワード (Ja):<br>キーワード (En):<br>作成者: 伊波, 直朗, Inami, Tadao<br>メールアドレス:<br>所属: |
| URL   | <a href="http://hdl.handle.net/20.500.12000/24029">http://hdl.handle.net/20.500.12000/24029</a>                      |

LEGENRE FUNCTION

P (X)

LEGENRE FUNCTION

P (X)

5

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|       |                  |
|-------|------------------|
| 18.01 | 1.487064679+007  |
| 18.02 | 1.491703388+007  |
| 18.03 | 1.495351303+007  |
| 18.04 | 1.499508440+007  |
| 18.05 | 1.503674815+007  |
| 18.06 | 1.507850442+007  |
| 18.07 | 1.512035337+007  |
| 18.08 | 1.516229515+007  |
| 18.09 | 1.520442993+007  |
| 18.10 | 1.5246445785+007 |
| 18.11 | 1.528867907+007  |
| 18.12 | 1.533099374+007  |
| 18.13 | 1.537340202+007  |
| 18.14 | 1.541590406+007  |
| 18.15 | 1.545850002+007  |
| 18.16 | 1.550119006+007  |
| 18.17 | 1.554397432+007  |
| 18.18 | 1.558685297+007  |
| 18.19 | 1.562982617+007  |
| 18.20 | 1.567289406+007  |
| 18.21 | 1.571605680+007  |
| 18.22 | 1.575931456+007  |
| 18.23 | 1.580266748+007  |
| 18.24 | 1.584611573+007  |
| 18.25 | 1.588965946+007  |
| 18.26 | 1.593329883+007  |
| 18.27 | 1.597703400+007  |
| 18.28 | 1.602086512+007  |
| 18.29 | 1.606479235+007  |
| 18.30 | 1.610881585+007  |
| 18.31 | 1.615293578+007  |
| 18.32 | 1.619715229+007  |
| 18.33 | 1.624146555+007  |
| 18.34 | 1.628587571+007  |
| 18.35 | 1.633038293+007  |
| 18.36 | 1.637498738+007  |
| 18.37 | 1.641968920+007  |
| 18.38 | 1.646448856+007  |
| 18.39 | 1.650938562+007  |
| 18.40 | 1.655438054+007  |
| 18.41 | 1.659947348+007  |
| 18.42 | 1.664466460+007  |
| 18.43 | 1.668995405+007  |
| 18.44 | 1.673534200+007  |
| 18.45 | 1.678082862+007  |
| 18.46 | 1.682641405+007  |
| 18.47 | 1.687209846+007  |
| 18.48 | 1.691788201+007  |
| 18.49 | 1.696376487+007  |
| 18.50 | 1.700974719+007  |

|       |                 |
|-------|-----------------|
| 18.51 | 1.705582914+007 |
| 18.52 | 1.710201087+007 |
| 18.53 | 1.714829256+007 |
| 18.54 | 1.719467435+007 |
| 18.55 | 1.724115643+007 |
| 18.56 | 1.728773893+007 |
| 18.57 | 1.733442204+007 |
| 18.58 | 1.738120591+007 |
| 18.59 | 1.742809070+007 |
| 18.60 | 1.747507658+007 |
| 18.61 | 1.752216371+007 |
| 18.62 | 1.756935226+007 |
| 18.63 | 1.761664239+007 |
| 18.64 | 1.766403425+007 |
| 18.65 | 1.771152803+007 |
| 18.66 | 1.775912487+007 |
| 18.67 | 1.780682195+007 |
| 18.68 | 1.785462243+007 |
| 18.69 | 1.790252548+007 |
| 18.70 | 1.795053125+007 |
| 18.71 | 1.799863992+007 |
| 18.72 | 1.804685164+007 |
| 18.73 | 1.809516660+007 |
| 18.74 | 1.814358494+007 |
| 18.75 | 1.819210684+007 |
| 18.76 | 1.824073246+007 |
| 18.77 | 1.828946197+007 |
| 18.78 | 1.833829553+007 |
| 18.79 | 1.838723332+007 |
| 18.80 | 1.843627549+007 |
| 18.81 | 1.848542222+007 |
| 18.82 | 1.853467367+007 |
| 18.83 | 1.858403001+007 |
| 18.84 | 1.863349141+007 |
| 18.85 | 1.868305803+007 |
| 18.86 | 1.873273004+007 |
| 18.87 | 1.878250761+007 |
| 18.88 | 1.883239091+007 |
| 18.89 | 1.888238011+007 |
| 18.90 | 1.893247537+007 |
| 18.91 | 1.898267687+007 |
| 18.92 | 1.903298476+007 |
| 18.93 | 1.908339923+007 |
| 18.94 | 1.913392044+007 |
| 18.95 | 1.918454855+007 |
| 18.96 | 1.923528375+007 |
| 18.97 | 1.928612620+007 |
| 18.98 | 1.933707606+007 |
| 18.99 | 1.938813351+007 |
| 19.00 | 1.943929873+007 |

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|-------|-----------------|
| 19.01 | 1.949057187+007 |
| 19.02 | 1.954195311+007 |
| 19.03 | 1.959344262+007 |
| 19.04 | 1.964504058+007 |
| 19.05 | 1.969674714+007 |
| 19.06 | 1.974856249+007 |
| 19.07 | 1.980048680+007 |
| 19.08 | 1.985252024+007 |
| 19.09 | 1.990466297+007 |
| 19.10 | 1.995691518+007 |
| 19.11 | 2.000927703+007 |
| 19.12 | 2.006174869+007 |
| 19.13 | 2.011433035+007 |
| 19.14 | 2.016702216+007 |
| 19.15 | 2.021982431+007 |
| 19.16 | 2.027273697+007 |
| 19.17 | 2.032576031+007 |
| 19.18 | 2.037889451+007 |
| 19.19 | 2.043213973+007 |
| 19.20 | 2.048549615+007 |
| 19.21 | 2.053896395+007 |
| 19.22 | 2.059254330+007 |
| 19.23 | 2.064623437+007 |
| 19.24 | 2.070003734+007 |
| 19.25 | 2.075395239+007 |
| 19.26 | 2.080797969+007 |
| 19.27 | 2.086211941+007 |
| 19.28 | 2.091637173+007 |
| 19.29 | 2.097073682+007 |
| 19.30 | 2.102521487+007 |
| 19.31 | 2.107980603+007 |
| 19.32 | 2.113451051+007 |
| 19.33 | 2.118932846+007 |
| 19.34 | 2.124426007+007 |
| 19.35 | 2.129930551+007 |
| 19.36 | 2.135446495+007 |
| 19.37 | 2.140973858+007 |
| 19.38 | 2.146512658+007 |
| 19.39 | 2.152062911+007 |
| 19.40 | 2.157624636+007 |
| 19.41 | 2.163197851+007 |
| 19.42 | 2.168782573+007 |
| 19.43 | 2.174378820+007 |
| 19.44 | 2.179986610+007 |
| 19.45 | 2.185605961+007 |
| 19.46 | 2.191236890+007 |
| 19.47 | 2.196879416+007 |
| 19.48 | 2.202533556+007 |
| 19.49 | 2.208199328+007 |
| 19.50 | 2.213876751+007 |

|       |                 |
|-------|-----------------|
| 19.51 | 2.219565842+007 |
| 19.52 | 2.225266619+007 |
| 19.53 | 2.230979100+007 |
| 19.54 | 2.236703304+007 |
| 19.55 | 2.242439247+007 |
| 19.56 | 2.248186949+007 |
| 19.57 | 2.253946427+007 |
| 19.58 | 2.259717700+007 |
| 19.59 | 2.265500785+007 |
| 19.60 | 2.271295700+007 |
| 19.61 | 2.277102464+007 |
| 19.62 | 2.282921096+007 |
| 19.63 | 2.288751612+007 |
| 19.64 | 2.294594031+007 |
| 19.65 | 2.300448372+007 |
| 19.66 | 2.306314653+007 |
| 19.67 | 2.312192891+007 |
| 19.68 | 2.318083106+007 |
| 19.69 | 2.323985315+007 |
| 19.70 | 2.329899937+007 |
| 19.71 | 2.335825791+007 |
| 19.72 | 2.341764093+007 |
| 19.73 | 2.347714464+007 |
| 19.74 | 2.353676920+007 |
| 19.75 | 2.359651482+007 |
| 19.76 | 2.365638166+007 |
| 19.77 | 2.371636992+007 |
| 19.78 | 2.377647977+007 |
| 19.79 | 2.383671141+007 |
| 19.80 | 2.389706502+007 |
| 19.81 | 2.395754078+007 |
| 19.82 | 2.401813888+007 |
| 19.83 | 2.407885951+007 |
| 19.84 | 2.413970285+007 |
| 19.85 | 2.420066908+007 |
| 19.86 | 2.426175839+007 |
| 19.87 | 2.432297097+007 |
| 19.88 | 2.438430701+007 |
| 19.89 | 2.444576669+007 |
| 19.90 | 2.450735020+007 |
| 19.91 | 2.456905772+007 |
| 19.92 | 2.463088944+007 |
| 19.93 | 2.469284555+007 |
| 19.94 | 2.475492624+007 |
| 19.95 | 2.481713170+007 |
| 19.96 | 2.487946210+007 |
| 19.97 | 2.494191765+007 |
| 19.98 | 2.500449853+007 |
| 19.99 | 2.506720492+007 |
| 20.00 | 2.513003702+007 |

LEGENDRE FUNCTION

P<sub>5</sub>(X)

|       |                 |
|-------|-----------------|
| 20.01 | 2.519299502+007 |
| 20.02 | 2.525607910+007 |
| 20.03 | 2.531928945+007 |
| 20.04 | 2.538262627+007 |
| 20.05 | 2.544608973+007 |
| 20.06 | 2.550968004+007 |
| 20.07 | 2.557339738+007 |
| 20.08 | 2.563724195+007 |
| 20.09 | 2.570121393+007 |
| 20.10 | 2.576531351+007 |
| 20.11 | 2.582954088+007 |
| 20.12 | 2.589389624+007 |
| 20.13 | 2.595837977+007 |
| 20.14 | 2.602299168+007 |
| 20.15 | 2.608773214+007 |
| 20.16 | 2.615260135+007 |
| 20.17 | 2.621759950+007 |
| 20.18 | 2.628272679+007 |
| 20.19 | 2.634798341+007 |
| 20.20 | 2.641336954+007 |
| 20.21 | 2.647888539+007 |
| 20.22 | 2.654453114+007 |
| 20.23 | 2.661030699+007 |
| 20.24 | 2.667621313+007 |
| 20.25 | 2.674224975+007 |
| 20.26 | 2.680841706+007 |
| 20.27 | 2.687471523+007 |
| 20.28 | 2.694114447+007 |
| 20.29 | 2.700770497+007 |
| 20.30 | 2.707439692+007 |
| 20.31 | 2.714122053+007 |
| 20.32 | 2.720817597+007 |
| 20.33 | 2.727526346+007 |
| 20.34 | 2.734248318+007 |
| 20.35 | 2.740983532+007 |
| 20.36 | 2.747732010+007 |
| 20.37 | 2.754493769+007 |
| 20.38 | 2.761268830+007 |
| 20.39 | 2.768057212+007 |
| 20.40 | 2.774858935+007 |
| 20.41 | 2.781674019+007 |
| 20.42 | 2.788502483+007 |
| 20.43 | 2.795344346+007 |
| 20.44 | 2.802199629+007 |
| 20.45 | 2.809068352+007 |
| 20.46 | 2.815950533+007 |
| 20.47 | 2.822846194+007 |
| 20.48 | 2.829755353+007 |
| 20.49 | 2.836678030+007 |
| 20.50 | 2.843614245+007 |

|       |                 |
|-------|-----------------|
| 20.51 | 2.850564019+007 |
| 20.52 | 2.857527370+007 |
| 20.53 | 2.864504320+007 |
| 20.54 | 2.871494887+007 |
| 20.55 | 2.878499091+007 |
| 20.56 | 2.885516954+007 |
| 20.57 | 2.892548943+007 |
| 20.58 | 2.899593731+007 |
| 20.59 | 2.906652685+007 |
| 20.60 | 2.913725377+007 |
| 20.61 | 2.920811827+007 |
| 20.62 | 2.927912054+007 |
| 20.63 | 2.935026080+007 |
| 20.64 | 2.942153922+007 |
| 20.65 | 2.949295693+007 |
| 20.66 | 2.956451142+007 |
| 20.67 | 2.963620559+007 |
| 20.68 | 2.970803874+007 |
| 20.69 | 2.978001108+007 |
| 20.70 | 2.985212280+007 |
| 20.71 | 2.992437412+007 |
| 20.72 | 2.999676523+007 |
| 20.73 | 3.006929633+007 |
| 20.74 | 3.014196763+007 |
| 20.75 | 3.021477933+007 |
| 20.76 | 3.028773163+007 |
| 20.77 | 3.036082475+007 |
| 20.78 | 3.043405887+007 |
| 20.79 | 3.050743421+007 |
| 20.80 | 3.058095097+007 |
| 20.81 | 3.065460935+007 |
| 20.82 | 3.072840956+007 |
| 20.83 | 3.080235181+007 |
| 20.84 | 3.087643629+007 |
| 20.85 | 3.095066321+007 |
| 20.86 | 3.102503279+007 |
| 20.87 | 3.109954521+007 |
| 20.88 | 3.117420070+007 |
| 20.89 | 3.124899945+007 |
| 20.90 | 3.132394167+007 |
| 20.91 | 3.139902757+007 |
| 20.92 | 3.147425735+007 |
| 20.93 | 3.154963122+007 |
| 20.94 | 3.162514939+007 |
| 20.95 | 3.170081206+007 |
| 20.96 | 3.177661945+007 |
| 20.97 | 3.185257175+007 |
| 20.98 | 3.192866918+007 |
| 20.99 | 3.200491194+007 |
| 21.00 | 3.208130025+007 |

LEGENDRE FUNCTION

P<sub>5</sub>(X)

|       |                 |
|-------|-----------------|
| 21.01 | 3.215783431+007 |
| 21.02 | 3.223454432+007 |
| 21.03 | 3.231134050+007 |
| 21.04 | 3.238831306+007 |
| 21.05 | 3.246543221+007 |
| 21.06 | 3.254269815+007 |
| 21.07 | 3.262011109+007 |
| 21.08 | 3.269767125+007 |
| 21.09 | 3.277537883+007 |
| 21.10 | 3.285323404+007 |
| 21.11 | 3.293123710+007 |
| 21.12 | 3.300938821+007 |
| 21.13 | 3.308768759+007 |
| 21.14 | 3.316613544+007 |
| 21.15 | 3.324473198+007 |
| 21.16 | 3.332347742+007 |
| 21.17 | 3.340237196+007 |
| 21.18 | 3.348141583+007 |
| 21.19 | 3.356060923+007 |
| 21.20 | 3.363995237+007 |
| 21.21 | 3.371944547+007 |
| 21.22 | 3.379908874+007 |
| 21.23 | 3.387888239+007 |
| 21.24 | 3.395882663+007 |
| 21.25 | 3.403892169+007 |
| 21.26 | 3.411916776+007 |
| 21.27 | 3.419956507+007 |
| 21.28 | 3.428011382+007 |
| 21.29 | 3.436081424+007 |
| 21.30 | 3.444166653+007 |
| 21.31 | 3.452267091+007 |
| 21.32 | 3.460382760+007 |
| 21.33 | 3.468513681+007 |
| 21.34 | 3.476659874+007 |
| 21.35 | 3.484821363+007 |
| 21.36 | 3.492998169+007 |
| 21.37 | 3.501190312+007 |
| 21.38 | 3.509397814+007 |
| 21.39 | 3.517620698+007 |
| 21.40 | 3.525858984+007 |
| 21.41 | 3.534112695+007 |
| 21.42 | 3.542381852+007 |
| 21.43 | 3.550666476+007 |
| 21.44 | 3.558966590+007 |
| 21.45 | 3.567282214+007 |
| 21.46 | 3.575613372+007 |
| 21.47 | 3.583960083+007 |
| 21.48 | 3.592322371+007 |
| 21.49 | 3.600700257+007 |
| 21.50 | 3.609093763+007 |

|       |                 |
|-------|-----------------|
| 21.51 | 3.617502911+007 |
| 21.52 | 3.625927722+007 |
| 21.53 | 3.634368218+007 |
| 21.54 | 3.642824422+007 |
| 21.55 | 3.651296354+007 |
| 21.56 | 3.659784038+007 |
| 21.57 | 3.668287495+007 |
| 21.58 | 3.676806747+007 |
| 21.59 | 3.685341816+007 |
| 21.60 | 3.693892724+007 |
| 21.61 | 3.702459493+007 |
| 21.62 | 3.711042145+007 |
| 21.63 | 3.719640702+007 |
| 21.64 | 3.728255187+007 |
| 21.65 | 3.736885620+007 |
| 21.66 | 3.745532025+007 |
| 21.67 | 3.754194424+007 |
| 21.68 | 3.762872839+007 |
| 21.69 | 3.771567292+007 |
| 21.70 | 3.780277805+007 |
| 21.71 | 3.789004400+007 |
| 21.72 | 3.797747100+007 |
| 21.73 | 3.806505928+007 |
| 21.74 | 3.815280904+007 |
| 21.75 | 3.824072052+007 |
| 21.76 | 3.832879393+007 |
| 21.77 | 3.841702952+007 |
| 21.78 | 3.850542748+007 |
| 21.79 | 3.859398806+007 |
| 21.80 | 3.868271148+007 |
| 21.81 | 3.877159795+007 |
| 21.82 | 3.886064771+007 |
| 21.83 | 3.894986097+007 |
| 21.84 | 3.903923797+007 |
| 21.85 | 3.912877893+007 |
| 21.86 | 3.921848407+007 |
| 21.87 | 3.930835362+007 |
| 21.88 | 3.939838781+007 |
| 21.89 | 3.948858686+007 |
| 21.90 | 3.957895100+007 |
| 21.91 | 3.966948045+007 |
| 21.92 | 3.976017544+007 |
| 21.93 | 3.985103620+007 |
| 21.94 | 3.994206296+007 |
| 21.95 | 4.003325594+007 |
| 21.96 | 4.012461537+007 |
| 21.97 | 4.021614147+007 |
| 21.98 | 4.030783449+007 |
| 21.99 | 4.039969463+007 |
| 22.00 | 4.049172214+007 |

LEGENDE FUNCTION

P (X)  
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|       |                 |
|-------|-----------------|
| 22.01 | 4.058391724+007 |
| 22.02 | 4.067622015+007 |
| 22.03 | 4.076881112+007 |
| 22.04 | 4.086151036+007 |
| 22.05 | 4.095437811+007 |
| 22.06 | 4.104741460+007 |
| 22.07 | 4.114162005+007 |
| 22.08 | 4.123399470+007 |
| 22.09 | 4.132753877+007 |
| 22.10 | 4.142125250+007 |
| 22.11 | 4.151513612+007 |
| 22.12 | 4.160918986+007 |
| 22.13 | 4.170341394+007 |
| 22.14 | 4.179780861+007 |
| 22.15 | 4.189237406+007 |
| 22.16 | 4.198711061+007 |
| 22.17 | 4.208201840+007 |
| 22.18 | 4.217709771+007 |
| 22.19 | 4.227234875+007 |
| 22.20 | 4.236777177+007 |
| 22.21 | 4.246336699+007 |
| 22.22 | 4.255913465+007 |
| 22.23 | 4.265507498+007 |
| 22.24 | 4.275118821+007 |
| 22.25 | 4.284747458+007 |
| 22.26 | 4.294393433+007 |
| 22.27 | 4.304056768+007 |
| 22.28 | 4.313737487+007 |
| 22.29 | 4.323435613+007 |
| 22.30 | 4.333151170+007 |
| 22.31 | 4.342884182+007 |
| 22.32 | 4.352634671+007 |
| 22.33 | 4.362402662+007 |
| 22.34 | 4.372188178+007 |
| 22.35 | 4.381991242+007 |
| 22.36 | 4.391811879+007 |
| 22.37 | 4.401650111+007 |
| 22.38 | 4.411515962+007 |
| 22.39 | 4.421379456+007 |
| 22.40 | 4.431270617+007 |
| 22.41 | 4.441179469+007 |
| 22.42 | 4.451106034+007 |
| 22.43 | 4.461050337+007 |
| 22.44 | 4.471012402+007 |
| 22.45 | 4.480992252+007 |
| 22.46 | 4.490989911+007 |
| 22.47 | 4.501005403+007 |
| 22.48 | 4.511038752+007 |
| 22.49 | 4.521089981+007 |
| 22.50 | 4.531159115+007 |

|       |                 |
|-------|-----------------|
| 22.51 | 4.541246178+007 |
| 22.52 | 4.551351192+007 |
| 22.53 | 4.561474183+007 |
| 22.54 | 4.571615175+007 |
| 22.55 | 4.581774190+007 |
| 22.56 | 4.591951254+007 |
| 22.57 | 4.602146390+007 |
| 22.58 | 4.612359622+007 |
| 22.59 | 4.622590976+007 |
| 22.60 | 4.632840473+007 |
| 22.61 | 4.643108139+007 |
| 22.62 | 4.653393998+007 |
| 22.63 | 4.663698073+007 |
| 22.64 | 4.674020390+007 |
| 22.65 | 4.684360972+007 |
| 22.66 | 4.694719844+007 |
| 22.67 | 4.705097030+007 |
| 22.68 | 4.715492554+007 |
| 22.69 | 4.725906439+007 |
| 22.70 | 4.736338172+007 |
| 22.71 | 4.746789396+007 |
| 22.72 | 4.757258515+007 |
| 22.73 | 4.767746093+007 |
| 22.74 | 4.778252156+007 |
| 22.75 | 4.788776127+007 |
| 22.76 | 4.799319831+007 |
| 22.77 | 4.809881493+007 |
| 22.78 | 4.820461137+007 |
| 22.79 | 4.831060587+007 |
| 22.80 | 4.841678067+007 |
| 22.81 | 4.852314204+007 |
| 22.82 | 4.862969020+007 |
| 22.83 | 4.873642542+007 |
| 22.84 | 4.884334192+007 |
| 22.85 | 4.895045796+007 |
| 22.86 | 4.905775579+007 |
| 22.87 | 4.916524165+007 |
| 22.88 | 4.927291579+007 |
| 22.89 | 4.938077845+007 |
| 22.90 | 4.948882989+007 |
| 22.91 | 4.959707036+007 |
| 22.92 | 4.970550008+007 |
| 22.93 | 4.981411933+007 |
| 22.94 | 4.992292835+007 |
| 22.95 | 5.003192137+007 |
| 22.96 | 5.014111666+007 |
| 22.97 | 5.025049646+007 |
| 22.98 | 5.036006702+007 |
| 22.99 | 5.046982859+007 |
| 23.00 | 5.057978143+007 |

LEGENDE FUNCTION

P (X)  
5

|       |                 |
|-------|-----------------|
| 23.01 | 5.068992577+007 |
| 23.02 | 5.080026187+007 |
| 23.03 | 5.091078998+007 |
| 23.04 | 5.102151035+007 |
| 23.05 | 5.113242323+007 |
| 23.06 | 5.124352888+007 |
| 23.07 | 5.135482753+007 |
| 23.08 | 5.146631945+007 |
| 23.09 | 5.157800489+007 |
| 23.10 | 5.168988409+007 |
| 23.11 | 5.180195731+007 |
| 23.12 | 5.191422481+007 |
| 23.13 | 5.202668682+007 |
| 23.14 | 5.213934362+007 |
| 23.15 | 5.225219544+007 |
| 23.16 | 5.236524255+007 |
| 23.17 | 5.247848519+007 |
| 23.18 | 5.259192362+007 |
| 23.19 | 5.270555810+007 |
| 23.20 | 5.281938887+007 |
| 23.21 | 5.293341620+007 |
| 23.22 | 5.304764032+007 |
| 23.23 | 5.316206151+007 |
| 23.24 | 5.327668002+007 |
| 23.25 | 5.339149609+007 |
| 23.26 | 5.350650999+007 |
| 23.27 | 5.362172197+007 |
| 23.28 | 5.373713228+007 |
| 23.29 | 5.385274119+007 |
| 23.30 | 5.396854894+007 |
| 23.31 | 5.408455581+007 |
| 23.32 | 5.420076203+007 |
| 23.33 | 5.431716787+007 |
| 23.34 | 5.443377358+007 |
| 23.35 | 5.455057943+007 |
| 23.36 | 5.466758567+007 |
| 23.37 | 5.478479255+007 |
| 23.38 | 5.490220034+007 |
| 23.39 | 5.501980930+007 |
| 23.40 | 5.513751968+007 |
| 23.41 | 5.525563173+007 |
| 23.42 | 5.537334572+007 |
| 23.43 | 5.549226192+007 |
| 23.44 | 5.561188057+007 |
| 23.45 | 5.572970194+007 |
| 23.46 | 5.584872628+007 |
| 23.47 | 5.596795386+007 |
| 23.48 | 5.608738494+007 |
| 23.49 | 5.620701978+007 |
| 23.50 | 5.632685862+007 |

|       |                 |
|-------|-----------------|
| 23.51 | 5.644690176+007 |
| 23.52 | 5.656714942+007 |
| 23.53 | 5.668760189+007 |
| 23.54 | 5.680825942+007 |
| 23.55 | 5.692912228+007 |
| 23.56 | 5.705019072+007 |
| 23.57 | 5.717146500+007 |
| 23.58 | 5.729294540+007 |
| 23.59 | 5.741463217+007 |
| 23.60 | 5.753652557+007 |
| 23.61 | 5.765862587+007 |
| 23.62 | 5.778093334+007 |
| 23.63 | 5.790344823+007 |
| 23.64 | 5.802617080+007 |
| 23.65 | 5.814910134+007 |
| 23.66 | 5.827224008+007 |
| 23.67 | 5.839558731+007 |
| 23.68 | 5.851914328+007 |
| 23.69 | 5.864290826+007 |
| 23.70 | 5.876688252+007 |
| 23.71 | 5.889116632+007 |
| 23.72 | 5.901545992+007 |
| 23.73 | 5.914006360+007 |
| 23.74 | 5.926487761+007 |
| 23.75 | 5.938990223+007 |
| 23.76 | 5.951513772+007 |
| 23.77 | 5.964058843+007 |
| 23.78 | 5.976624236+007 |
| 23.79 | 5.989211206+007 |
| 23.80 | 6.001819369+007 |
| 23.81 | 6.014448753+007 |
| 23.82 | 6.027099385+007 |
| 23.83 | 6.039771290+007 |
| 23.84 | 6.052464496+007 |
| 23.85 | 6.065179030+007 |
| 23.86 | 6.077914919+007 |
| 23.87 | 6.090672188+007 |
| 23.88 | 6.103450867+007 |
| 23.89 | 6.116250980+007 |
| 23.90 | 6.129072556+007 |
| 23.91 | 6.141915621+007 |
| 23.92 | 6.154780203+007 |
| 23.93 | 6.167666327+007 |
| 23.94 | 6.180574022+007 |
| 23.95 | 6.193503314+007 |
| 23.96 | 6.206454231+007 |
| 23.97 | 6.219426799+007 |
| 23.98 | 6.232421046+007 |
| 23.99 | 6.245436999+007 |
| 24.00 | 6.258474684+007 |

LEGENDRE FUNCTION

P (X)

5

LEGENDRE FUNCTION

P (X)

5

|       |                 |
|-------|-----------------|
| 24.01 | 6.271534130+007 |
| 24.02 | 6.284615364+007 |
| 24.03 | 6.297718412+007 |
| 24.04 | 6.310843301+007 |
| 24.05 | 6.323990060+007 |
| 24.06 | 6.337158716+007 |
| 24.07 | 6.350349296+007 |
| 24.08 | 6.363561826+007 |
| 24.09 | 6.376796336+007 |
| 24.10 | 6.390052851+007 |
| 24.11 | 6.403331400+007 |
| 24.12 | 6.416632010+007 |
| 24.13 | 6.429954708+007 |
| 24.14 | 6.443299522+007 |
| 24.15 | 6.456666479+007 |
| 24.16 | 6.470055607+007 |
| 24.17 | 6.483466934+007 |
| 24.18 | 6.496900487+007 |
| 24.19 | 6.510356293+007 |
| 24.20 | 6.523834381+007 |
| 24.21 | 6.537334778+007 |
| 24.22 | 6.550857511+007 |
| 24.23 | 6.564402609+007 |
| 24.24 | 6.577970099+007 |
| 24.25 | 6.591560008+007 |
| 24.26 | 6.605172365+007 |
| 24.27 | 6.618807198+007 |
| 24.28 | 6.632464534+007 |
| 24.29 | 6.646144400+007 |
| 24.30 | 6.659846826+007 |
| 24.31 | 6.673571838+007 |
| 24.32 | 6.687319465+007 |
| 24.33 | 6.701089735+007 |
| 24.34 | 6.714882676+007 |
| 24.35 | 6.728698314+007 |
| 24.36 | 6.742536680+007 |
| 24.37 | 6.756397799+007 |
| 24.38 | 6.770281702+007 |
| 24.39 | 6.784188415+007 |
| 24.40 | 6.798117967+007 |
| 24.41 | 6.812070386+007 |
| 24.42 | 6.826045700+007 |
| 24.43 | 6.840043937+007 |
| 24.44 | 6.854065125+007 |
| 24.45 | 6.868109293+007 |
| 24.46 | 6.882176469+007 |
| 24.47 | 6.896266681+007 |
| 24.48 | 6.910379957+007 |
| 24.49 | 6.924516325+007 |
| 24.50 | 6.938675815+007 |

|       |                 |
|-------|-----------------|
| 24.51 | 6.952858454+007 |
| 24.52 | 6.967064271+007 |
| 24.53 | 6.981293293+007 |
| 24.54 | 6.995545550+007 |
| 24.55 | 7.009821070+007 |
| 24.56 | 7.024119882+007 |
| 24.57 | 7.038442013+007 |
| 24.58 | 7.052787492+007 |
| 24.59 | 7.067156349+007 |
| 24.60 | 7.081548610+007 |
| 24.61 | 7.095964306+007 |
| 24.62 | 7.110403465+007 |
| 24.63 | 7.124866114+007 |
| 24.64 | 7.139352284+007 |
| 24.65 | 7.153862002+007 |
| 24.66 | 7.168395297+007 |
| 24.67 | 7.182952199+007 |
| 24.68 | 7.197532735+007 |
| 24.69 | 7.212136934+007 |
| 24.70 | 7.226764826+007 |
| 24.71 | 7.241416439+007 |
| 24.72 | 7.256091801+007 |
| 24.73 | 7.270790943+007 |
| 24.74 | 7.285513892+007 |
| 24.75 | 7.300260678+007 |
| 24.76 | 7.315031328+007 |
| 24.77 | 7.329825874+007 |
| 24.78 | 7.344644433+007 |
| 24.79 | 7.359486764+007 |
| 24.80 | 7.374353167+007 |
| 24.81 | 7.389243580+007 |
| 24.82 | 7.404158032+007 |
| 24.83 | 7.419096553+007 |
| 24.84 | 7.434059172+007 |
| 24.85 | 7.449045918+007 |
| 24.86 | 7.464056820+007 |
| 24.87 | 7.479091907+007 |
| 24.88 | 7.494151208+007 |
| 24.89 | 7.509234753+007 |
| 24.90 | 7.524342571+007 |
| 24.91 | 7.539474691+007 |
| 24.92 | 7.554631143+007 |
| 24.93 | 7.569811955+007 |
| 24.94 | 7.585011757+007 |
| 24.95 | 7.600246779+007 |
| 24.96 | 7.615500850+007 |
| 24.97 | 7.630779399+007 |
| 24.98 | 7.646082456+007 |
| 24.99 | 7.661410050+007 |
| 25.00 | 7.676762211+007 |

|       |                 |
|-------|-----------------|
| 25.01 | 7.692138969+007 |
| 25.02 | 7.707540352+007 |
| 25.03 | 7.722966390+007 |
| 25.04 | 7.738417113+007 |
| 25.05 | 7.753892551+007 |
| 25.06 | 7.769392733+007 |
| 25.07 | 7.784917690+007 |
| 25.08 | 7.800467449+007 |
| 25.09 | 7.816042042+007 |
| 25.10 | 7.831641497+007 |
| 25.11 | 7.847265845+007 |
| 25.12 | 7.862915116+007 |
| 25.13 | 7.878589339+007 |
| 25.14 | 7.894288544+007 |
| 25.15 | 7.910012761+007 |
| 25.16 | 7.925762019+007 |
| 25.17 | 7.941536350+007 |
| 25.18 | 7.957335782+007 |
| 25.19 | 7.973160346+007 |
| 25.20 | 7.989010071+007 |
| 25.21 | 8.004884988+007 |
| 25.22 | 8.020785126+007 |
| 25.23 | 8.036710515+007 |
| 25.24 | 8.052661187+007 |
| 25.25 | 8.068637170+007 |
| 25.26 | 8.084638495+007 |
| 25.27 | 8.100665192+007 |
| 25.28 | 8.116717291+007 |
| 25.29 | 8.132794822+007 |
| 25.30 | 8.148897815+007 |
| 25.31 | 8.165026302+007 |
| 25.32 | 8.181180311+007 |
| 25.33 | 8.197359874+007 |
| 25.34 | 8.213565020+007 |
| 25.35 | 8.229795780+007 |
| 25.36 | 8.246052184+007 |
| 25.37 | 8.262334262+007 |
| 25.38 | 8.278642046+007 |
| 25.39 | 8.294975565+007 |
| 25.40 | 8.311334850+007 |
| 25.41 | 8.327719931+007 |
| 25.42 | 8.344130839+007 |
| 25.43 | 8.360567604+007 |
| 25.44 | 8.377030258+007 |
| 25.45 | 8.393518829+007 |
| 25.46 | 8.410033350+007 |
| 25.47 | 8.426573850+007 |
| 25.48 | 8.443140360+007 |
| 25.49 | 8.459732911+007 |
| 25.50 | 8.476351534+007 |

|       |                 |
|-------|-----------------|
| 25.51 | 8.492996259+007 |
| 25.52 | 8.509667117+007 |
| 25.53 | 8.526364139+007 |
| 25.54 | 8.543087355+007 |
| 25.55 | 8.559836797+007 |
| 25.56 | 8.576612494+007 |
| 25.57 | 8.593414479+007 |
| 25.58 | 8.610242782+007 |
| 25.59 | 8.627097433+007 |
| 25.60 | 8.643978465+007 |
| 25.61 | 8.660885907+007 |
| 25.62 | 8.677819791+007 |
| 25.63 | 8.694780147+007 |
| 25.64 | 8.711767007+007 |
| 25.65 | 8.728780402+007 |
| 25.66 | 8.745820362+007 |
| 25.67 | 8.762886920+007 |
| 25.68 | 8.779980105+007 |
| 25.69 | 8.797099949+007 |
| 25.70 | 8.814246484+007 |
| 25.71 | 8.831419740+007 |
| 25.72 | 8.848619749+007 |
| 25.73 | 8.865846542+007 |
| 25.74 | 8.883100150+007 |
| 25.75 | 8.900380605+007 |
| 25.76 | 8.917687937+007 |
| 25.77 | 8.935022179+007 |
| 25.78 | 8.952338361+007 |
| 25.79 | 8.969771514+007 |
| 25.80 | 8.987186672+007 |
| 25.81 | 9.004628864+007 |
| 25.82 | 9.022098122+007 |
| 25.83 | 9.039594478+007 |
| 25.84 | 9.057117963+007 |
| 25.85 | 9.074668609+007 |
| 25.86 | 9.092246447+007 |
| 25.87 | 9.109851509+007 |
| 25.88 | 9.127483826+007 |
| 25.89 | 9.145143430+007 |
| 25.90 | 9.162830354+007 |
| 25.91 | 9.180544627+007 |
| 25.92 | 9.198286283+007 |
| 25.93 | 9.216055353+007 |
| 25.94 | 9.233851868+007 |
| 25.95 | 9.251675860+007 |
| 25.96 | 9.269527362+007 |
| 25.97 | 9.287406405+007 |
| 25.98 | 9.305313020+007 |
| 25.99 | 9.323247240+007 |
| 26.00 | 9.341209097+007 |

LEGENDRE FUNCTION

P (X)

5

|       |                 |
|-------|-----------------|
| 26.01 | 9.359198623+007 |
| 26.02 | 9.377215849+007 |
| 26.03 | 9.395260807+007 |
| 26.04 | 9.413333530+007 |
| 26.05 | 9.431434049+007 |
| 26.06 | 9.449562397+007 |
| 26.07 | 9.467718606+007 |
| 26.08 | 9.485902708+007 |
| 26.09 | 9.504114734+007 |
| 26.10 | 9.522354717+007 |
| 26.11 | 9.540622689+007 |
| 26.12 | 9.558918682+007 |
| 26.13 | 9.577242729+007 |
| 26.14 | 9.595594862+007 |
| 26.15 | 9.613975113+007 |
| 26.16 | 9.632383515+007 |
| 26.17 | 9.650820099+007 |
| 26.18 | 9.669284897+007 |
| 26.19 | 9.687777944+007 |
| 26.20 | 9.706299270+007 |
| 26.21 | 9.724848908+007 |
| 26.22 | 9.743426891+007 |
| 26.23 | 9.762033252+007 |
| 26.24 | 9.780668021+007 |
| 26.25 | 9.799331233+007 |
| 26.26 | 9.818022919+007 |
| 26.27 | 9.836743113+007 |
| 26.28 | 9.855491846+007 |
| 26.29 | 9.874269152+007 |
| 26.30 | 9.893075063+007 |
| 26.31 | 9.911909611+007 |
| 26.32 | 9.930772830+007 |
| 26.33 | 9.949664752+007 |
| 26.34 | 9.968585410+007 |
| 26.35 | 9.987534837+007 |
| 26.36 | 1.000651307+008 |
| 26.37 | 1.002552013+008 |
| 26.38 | 1.004455606+008 |
| 26.39 | 1.006362089+008 |
| 26.40 | 1.008271465+008 |
| 26.41 | 1.010183738+008 |
| 26.42 | 1.012098910+008 |
| 26.43 | 1.014016986+008 |
| 26.44 | 1.015937968+008 |
| 26.45 | 1.017861860+008 |
| 26.46 | 1.019788665+008 |
| 26.47 | 1.021718387+008 |
| 26.48 | 1.023651028+008 |
| 26.49 | 1.025586592+008 |
| 26.50 | 1.027525083+008 |

|       |                 |
|-------|-----------------|
| 26.51 | 1.029466903+008 |
| 26.52 | 1.031410856+008 |
| 26.53 | 1.033358145+008 |
| 26.54 | 1.035308374+008 |
| 26.55 | 1.037261946+008 |
| 26.56 | 1.039217664+008 |
| 26.57 | 1.041176732+008 |
| 26.58 | 1.043138752+008 |
| 26.59 | 1.045103729+008 |
| 26.60 | 1.047071665+008 |
| 26.61 | 1.049042565+008 |
| 26.62 | 1.051016430+008 |
| 26.63 | 1.052993265+008 |
| 26.64 | 1.054973074+008 |
| 26.65 | 1.056955858+008 |
| 26.66 | 1.058941622+008 |
| 26.67 | 1.060930369+008 |
| 26.68 | 1.062922103+008 |
| 26.69 | 1.064916826+008 |
| 26.70 | 1.066914943+008 |
| 26.71 | 1.068915255+008 |
| 26.72 | 1.070918968+008 |
| 26.73 | 1.072925684+008 |
| 26.74 | 1.074935407+008 |
| 26.75 | 1.076948139+008 |
| 26.76 | 1.078963885+008 |
| 26.77 | 1.080982648+008 |
| 26.78 | 1.083004430+008 |
| 26.79 | 1.085029237+008 |
| 26.80 | 1.087057070+008 |
| 26.81 | 1.089087933+008 |
| 26.82 | 1.091121830+008 |
| 26.83 | 1.093158764+008 |
| 26.84 | 1.095198739+008 |
| 26.85 | 1.097241757+008 |
| 26.86 | 1.099287823+008 |
| 26.87 | 1.101336940+008 |
| 26.88 | 1.103389110+008 |
| 26.89 | 1.105444438+008 |
| 26.90 | 1.107502827+008 |
| 26.91 | 1.109563981+008 |
| 26.92 | 1.111628402+008 |
| 26.93 | 1.113695894+008 |
| 26.94 | 1.115766461+008 |
| 26.95 | 1.117840106+008 |
| 26.96 | 1.119916832+008 |
| 26.97 | 1.121996644+008 |
| 26.98 | 1.124079943+008 |
| 26.99 | 1.126165935+008 |
| 27.00 | 1.128254621+008 |

LEGENDRE FUNCTION

P (X)

5

|       |                 |
|-------|-----------------|
| 27.01 | 1.130346807+008 |
| 27.02 | 1.132442094+008 |
| 27.03 | 1.134540487+008 |
| 27.04 | 1.136641989+008 |
| 27.05 | 1.138746603+008 |
| 27.06 | 1.140854334+008 |
| 27.07 | 1.142965183+008 |
| 27.08 | 1.145079156+008 |
| 27.09 | 1.147196255+008 |
| 27.10 | 1.149316483+008 |
| 27.11 | 1.151439845+008 |
| 27.12 | 1.153566343+008 |
| 27.13 | 1.155695982+008 |
| 27.14 | 1.157828764+008 |
| 27.15 | 1.159964693+008 |
| 27.16 | 1.162103773+008 |
| 27.17 | 1.164246007+008 |
| 27.18 | 1.166391399+008 |
| 27.19 | 1.168539952+008 |
| 27.20 | 1.170691669+008 |
| 27.21 | 1.172846554+008 |
| 27.22 | 1.175004611+008 |
| 27.23 | 1.177165843+008 |
| 27.24 | 1.179330253+008 |
| 27.25 | 1.181497846+008 |
| 27.26 | 1.183668862+008 |
| 27.27 | 1.185842591+008 |
| 27.28 | 1.188019751+008 |
| 27.29 | 1.190200106+008 |
| 27.30 | 1.192333662+008 |
| 27.31 | 1.194570420+008 |
| 27.32 | 1.196760385+008 |
| 27.33 | 1.198953561+008 |
| 27.34 | 1.201149950+008 |
| 27.35 | 1.203349556+008 |
| 27.36 | 1.205552383+008 |
| 27.37 | 1.207758434+008 |
| 27.38 | 1.209965771+008 |
| 27.39 | 1.212180224+008 |
| 27.40 | 1.214395969+008 |
| 27.41 | 1.216614953+008 |
| 27.42 | 1.218857179+008 |
| 27.43 | 1.221062651+008 |
| 27.44 | 1.223291371+008 |
| 27.45 | 1.225523345+008 |
| 27.46 | 1.227758574+008 |
| 27.47 | 1.229997064+008 |
| 27.48 | 1.232238816+008 |
| 27.49 | 1.234483836+008 |
| 27.50 | 1.236732126+008 |

|       |                 |
|-------|-----------------|
| 27.51 | 1.238983690+008 |
| 27.52 | 1.241238932+008 |
| 27.53 | 1.243496655+008 |
| 27.54 | 1.245758063+008 |
| 27.55 | 1.248022759+008 |
| 27.56 | 1.250290747+008 |
| 27.57 | 1.252562031+008 |
| 27.58 | 1.254836613+008 |
| 27.59 | 1.257114499+008 |
| 27.60 | 1.259395691+008 |
| 27.61 | 1.261680193+008 |
| 27.62 | 1.263968008+008 |
| 27.63 | 1.266259140+008 |
| 27.64 | 1.268553594+008 |
| 27.65 | 1.270851371+008 |
| 27.66 | 1.273152477+008 |
| 27.67 | 1.275456914+008 |
| 27.68 | 1.277764686+008 |
| 27.69 | 1.280075797+008 |
| 27.70 | 1.282390250+008 |
| 27.71 | 1.284708050+008 |
| 27.72 | 1.287029199+008 |
| 27.73 | 1.289353701+008 |
| 27.74 | 1.291681560+008 |
| 27.75 | 1.294012780+008 |
| 27.76 | 1.296347364+008 |
| 27.77 | 1.298685316+008 |
| 27.78 | 1.301026640+008 |
| 27.79 | 1.303371338+008 |
| 27.80 | 1.305719416+008 |
| 27.81 | 1.308070875+008 |
| 27.82 | 1.310425721+008 |
| 27.83 | 1.312783957+008 |
| 27.84 | 1.315145386+008 |
| 27.85 | 1.317510611+008 |
| 27.86 | 1.319879038+008 |
| 27.87 | 1.322250869+008 |
| 27.88 | 1.324626108+008 |
| 27.89 | 1.327004759+008 |
| 27.90 | 1.329386825+008 |
| 27.91 | 1.331772311+008 |
| 27.92 | 1.334161218+008 |
| 27.93 | 1.336553553+008 |
| 27.94 | 1.338949317+008 |
| 27.95 | 1.341348516+008 |
| 27.96 | 1.343751151+008 |
| 27.97 | 1.346157229+008 |
| 27.98 | 1.348566750+008 |
| 27.99 | 1.350979721+008 |
| 28.00 | 1.353395143+008 |

LEGENDRE FUNCTION

P (X)  
5

|       |                 |
|-------|-----------------|
| 28.01 | 1.355816022+008 |
| 28.02 | 1.358239360+008 |
| 28.03 | 1.360666162+008 |
| 28.04 | 1.363096431+008 |
| 28.05 | 1.365530170+008 |
| 28.06 | 1.367967385+008 |
| 28.07 | 1.370408077+008 |
| 28.08 | 1.372852251+008 |
| 28.09 | 1.375299911+008 |
| 28.10 | 1.377751061+008 |
| 28.11 | 1.380205703+008 |
| 28.12 | 1.382663843+008 |
| 28.13 | 1.385125483+008 |
| 28.14 | 1.387590627+008 |
| 28.15 | 1.390059280+008 |
| 28.16 | 1.392531444+008 |
| 28.17 | 1.395007124+008 |
| 28.18 | 1.397486323+008 |
| 28.19 | 1.399969045+008 |
| 28.20 | 1.402455294+008 |
| 28.21 | 1.404945074+008 |
| 28.22 | 1.407438388+008 |
| 28.23 | 1.409935240+008 |
| 28.24 | 1.412435634+008 |
| 28.25 | 1.414939574+008 |
| 28.26 | 1.417447063+008 |
| 28.27 | 1.419958105+008 |
| 28.28 | 1.422472704+008 |
| 28.29 | 1.424990864+008 |
| 28.30 | 1.427512588+008 |
| 28.31 | 1.430037881+008 |
| 28.32 | 1.432566745+008 |
| 28.33 | 1.435099186+008 |
| 28.34 | 1.437635206+008 |
| 28.35 | 1.440174810+008 |
| 28.36 | 1.442718000+008 |
| 28.37 | 1.445264782+008 |
| 28.38 | 1.447815159+008 |
| 28.39 | 1.450369134+008 |
| 28.40 | 1.452926712+008 |
| 28.41 | 1.455487896+008 |
| 28.42 | 1.458052690+008 |
| 28.43 | 1.460621098+008 |
| 28.44 | 1.463193124+008 |
| 28.45 | 1.465768771+008 |
| 28.46 | 1.468343044+008 |
| 28.47 | 1.470930945+008 |
| 28.48 | 1.473517480+008 |
| 28.49 | 1.476107651+008 |
| 28.50 | 1.478701463+008 |

|       |                 |
|-------|-----------------|
| 28.51 | 1.481298920+008 |
| 28.52 | 1.483900025+008 |
| 28.53 | 1.486504782+008 |
| 28.54 | 1.489113195+008 |
| 28.55 | 1.491725268+008 |
| 28.56 | 1.494341005+008 |
| 28.57 | 1.496960409+008 |
| 28.58 | 1.499583485+008 |
| 28.59 | 1.502210236+008 |
| 28.60 | 1.504840666+008 |
| 28.61 | 1.507474779+008 |
| 28.62 | 1.510112579+008 |
| 28.63 | 1.512754070+008 |
| 28.64 | 1.515399255+008 |
| 28.65 | 1.518048139+008 |
| 28.66 | 1.520700725+008 |
| 28.67 | 1.523357018+008 |
| 28.68 | 1.526017020+008 |
| 28.69 | 1.528680737+008 |
| 28.70 | 1.531348171+008 |
| 28.71 | 1.534019327+008 |
| 28.72 | 1.536694209+008 |
| 28.73 | 1.539372820+008 |
| 28.74 | 1.542055165+008 |
| 28.75 | 1.544741247+008 |
| 28.76 | 1.547431071+008 |
| 28.77 | 1.550124640+008 |
| 28.78 | 1.552821957+008 |
| 28.79 | 1.555523028+008 |
| 28.80 | 1.558227856+008 |
| 28.81 | 1.560936444+008 |
| 28.82 | 1.563648798+008 |
| 28.83 | 1.566364920+008 |
| 28.84 | 1.569084814+008 |
| 28.85 | 1.571808485+008 |
| 28.86 | 1.574535937+008 |
| 28.87 | 1.577267172+008 |
| 28.88 | 1.580002197+008 |
| 28.89 | 1.582741013+008 |
| 28.90 | 1.585483626+008 |
| 28.91 | 1.588230039+008 |
| 28.92 | 1.590980255+008 |
| 28.93 | 1.593734280+008 |
| 28.94 | 1.596492117+008 |
| 28.95 | 1.599253770+008 |
| 28.96 | 1.602019243+008 |
| 28.97 | 1.604788540+008 |
| 28.98 | 1.607561664+008 |
| 28.99 | 1.610338621+008 |
| 29.00 | 1.613119413+008 |

LEGENDRE FUNCTION

P (X)  
5

|       |                 |
|-------|-----------------|
| 29.01 | 1.615904045+008 |
| 29.02 | 1.618692520+008 |
| 29.03 | 1.621484844+008 |
| 29.04 | 1.624281019+008 |
| 29.05 | 1.627081049+008 |
| 29.06 | 1.629884939+008 |
| 29.07 | 1.632692693+008 |
| 29.08 | 1.635504315+008 |
| 29.09 | 1.638319808+008 |
| 29.10 | 1.641139177+008 |
| 29.11 | 1.643962425+008 |
| 29.12 | 1.646789557+008 |
| 29.13 | 1.649620577+008 |
| 29.14 | 1.652455488+008 |
| 29.15 | 1.655294295+008 |
| 29.16 | 1.658137001+008 |
| 29.17 | 1.660983612+008 |
| 29.18 | 1.663834129+008 |
| 29.19 | 1.666688559+008 |
| 29.20 | 1.669546904+008 |
| 29.21 | 1.672409169+008 |
| 29.22 | 1.675275358+008 |
| 29.23 | 1.678145475+008 |
| 29.24 | 1.681019524+008 |
| 29.25 | 1.683897508+008 |
| 29.26 | 1.686779432+008 |
| 29.27 | 1.689666530+008 |
| 29.28 | 1.692555117+008 |
| 29.29 | 1.695448885+008 |
| 29.30 | 1.698344610+008 |
| 29.31 | 1.701248295+008 |
| 29.32 | 1.704153944+008 |
| 29.33 | 1.707063561+008 |
| 29.34 | 1.709977151+008 |
| 29.35 | 1.712894717+008 |
| 29.36 | 1.715816263+008 |
| 29.37 | 1.718741794+008 |
| 29.38 | 1.721671314+008 |
| 29.39 | 1.724604827+008 |
| 29.40 | 1.727542336+008 |
| 29.41 | 1.730483846+008 |
| 29.42 | 1.733429361+008 |
| 29.43 | 1.736376885+008 |
| 29.44 | 1.739332423+008 |
| 29.45 | 1.742289977+008 |
| 29.46 | 1.745251553+008 |
| 29.47 | 1.748217154+008 |
| 29.48 | 1.751186785+008 |
| 29.49 | 1.754160449+008 |
| 29.50 | 1.757138151+008 |

|       |                 |
|-------|-----------------|
| 29.51 | 1.760119896+008 |
| 29.52 | 1.763105686+008 |
| 29.53 | 1.766095926+008 |
| 29.54 | 1.769089420+008 |
| 29.55 | 1.772087372+008 |
| 29.56 | 1.775089387+008 |
| 29.57 | 1.778095469+008 |
| 29.58 | 1.781105621+008 |
| 29.59 | 1.784119848+008 |
| 29.60 | 1.787138154+008 |
| 29.61 | 1.790160544+008 |
| 29.62 | 1.793187020+008 |
| 29.63 | 1.796217588+008 |
| 29.64 | 1.799252251+008 |
| 29.65 | 1.802291014+008 |
| 29.66 | 1.805333881+008 |
| 29.67 | 1.808380856+008 |
| 29.68 | 1.811431943+008 |
| 29.69 | 1.814487146+008 |
| 29.70 | 1.817546470+008 |
| 29.71 | 1.820609919+008 |
| 29.72 | 1.823677496+008 |
| 29.73 | 1.826749206+008 |
| 29.74 | 1.829825053+008 |
| 29.75 | 1.832905042+008 |
| 29.76 | 1.835989176+008 |
| 29.77 | 1.839077460+008 |
| 29.78 | 1.842169898+008 |
| 29.79 | 1.845266494+008 |
| 29.80 | 1.848367252+008 |
| 29.81 | 1.851472176+008 |
| 29.82 | 1.854581272+008 |
| 29.83 | 1.857694542+008 |
| 29.84 | 1.860811991+008 |
| 29.85 | 1.863933623+008 |
| 29.86 | 1.867059443+008 |
| 29.87 | 1.870189454+008 |
| 29.88 | 1.873323662+008 |
| 29.89 | 1.876462069+008 |
| 29.90 | 1.879604681+008 |
| 29.91 | 1.882751501+008 |
| 29.92 | 1.885902534+008 |
| 29.93 | 1.889057784+008 |
| 29.94 | 1.892217256+008 |
| 29.95 | 1.895380953+008 |
| 29.96 | 1.898548879+008 |
| 29.97 | 1.901721040+008 |
| 29.98 | 1.904897430+008 |
| 29.99 | 1.908078079+008 |
| 30.00 | 1.911262967+008 |

LEGENDRE FUNCTION

P (X)

5

|       |                 |       |                 |
|-------|-----------------|-------|-----------------|
| 30.01 | 1.914452106+008 | 30.51 | 2.079423738+008 |
| 30.02 | 1.917645500+008 | 30.52 | 2.082835377+008 |
| 30.03 | 1.920843153+008 | 30.53 | 2.086251492+008 |
| 30.04 | 1.924045070+008 | 30.54 | 2.089672087+008 |
| 30.05 | 1.927211255+008 | 30.55 | 2.093097166+008 |
| 30.06 | 1.930461712+008 | 30.56 | 2.096526735+008 |
| 30.07 | 1.933676446+008 | 30.57 | 2.099960797+008 |
| 30.08 | 1.936895460+008 | 30.58 | 2.103399357+008 |
| 30.09 | 1.940118759+008 | 30.59 | 2.106842420+008 |
| 30.10 | 1.943346348+008 | 30.60 | 2.110289989+008 |
| 30.11 | 1.946578230+008 | 30.61 | 2.113742069+008 |
| 30.12 | 1.949814411+008 | 30.62 | 2.117198665+008 |
| 30.13 | 1.953054893+008 | 30.63 | 2.120659781+008 |
| 30.14 | 1.956299682+008 | 30.64 | 2.124125422+008 |
| 30.15 | 1.959548781+008 | 30.65 | 2.127595591+008 |
| 30.16 | 1.962802196+008 | 30.66 | 2.131070294+008 |
| 30.17 | 1.966059929+008 | 30.67 | 2.134549535+008 |
| 30.18 | 1.969321987+008 | 30.68 | 2.138033317+008 |
| 30.19 | 1.972588372+008 | 30.69 | 2.141521647+008 |
| 30.20 | 1.975859090+008 | 30.70 | 2.145014527+008 |
| 30.21 | 1.979134144+008 | 30.71 | 2.148511963+008 |
| 30.22 | 1.982413539+008 | 30.72 | 2.152013960+008 |
| 30.23 | 1.985697279+008 | 30.73 | 2.155520520+008 |
| 30.24 | 1.988985369+008 | 30.74 | 2.159031650+008 |
| 30.25 | 1.992277812+008 | 30.75 | 2.162547353+008 |
| 30.26 | 1.995574614+008 | 30.76 | 2.166067633+008 |
| 30.27 | 1.998875778+008 | 30.77 | 2.169592496+008 |
| 30.28 | 2.002181309+008 | 30.78 | 2.173121946+008 |
| 30.29 | 2.005491210+008 | 30.79 | 2.176655988+008 |
| 30.30 | 2.008805468+008 | 30.80 | 2.180194625+008 |
| 30.31 | 2.012124145+008 | 30.81 | 2.183737862+008 |
| 30.32 | 2.015447186+008 | 30.82 | 2.187285704+008 |
| 30.33 | 2.018774615+008 | 30.83 | 2.190838155+008 |
| 30.34 | 2.022106438+008 | 30.84 | 2.194395219+008 |
| 30.35 | 2.025442657+008 | 30.85 | 2.197956902+008 |
| 30.36 | 2.028783278+008 | 30.86 | 2.201523208+008 |
| 30.37 | 2.032128305+008 | 30.87 | 2.205094141+008 |
| 30.38 | 2.035477742+008 | 30.88 | 2.208669705+008 |
| 30.39 | 2.038831593+008 | 30.89 | 2.212249906+008 |
| 30.40 | 2.042189864+008 | 30.90 | 2.215834748+008 |
| 30.41 | 2.045552558+008 | 30.91 | 2.219424234+008 |
| 30.42 | 2.048919679+008 | 30.92 | 2.223018371+008 |
| 30.43 | 2.052291233+008 | 30.93 | 2.226617161+008 |
| 30.44 | 2.055667222+008 | 30.94 | 2.230220610+008 |
| 30.45 | 2.059047653+008 | 30.95 | 2.233828723+008 |
| 30.46 | 2.062432529+008 | 30.96 | 2.237441503+008 |
| 30.47 | 2.065821854+008 | 30.97 | 2.241058956+008 |
| 30.48 | 2.069215633+008 | 30.98 | 2.244681085+008 |
| 30.49 | 2.072613871+008 | 30.99 | 2.248307896+008 |
| 30.50 | 2.076016571+008 | 31.00 | 2.251939393+008 |

LEGENDRE FUNCTION

P (X)

5

|       |                 |       |                 |
|-------|-----------------|-------|-----------------|
| 31.01 | 2.255575580+008 | 31.51 | 2.443466439+008 |
| 31.02 | 2.259921666+008 | 31.52 | 2.447347927+008 |
| 31.03 | 2.262620444+008 | 31.53 | 2.451234345+008 |
| 31.04 | 2.266512330+008 | 31.54 | 2.455125699+008 |
| 31.05 | 2.270167325+008 | 31.55 | 2.459021992+008 |
| 31.06 | 2.273827032+008 | 31.56 | 2.462923230+008 |
| 31.07 | 2.277491458+008 | 31.57 | 2.466829418+008 |
| 31.08 | 2.281160606+008 | 31.58 | 2.470740559+008 |
| 31.09 | 2.284834480+008 | 31.59 | 2.474656659+008 |
| 31.10 | 2.288513086+008 | 31.60 | 2.478577723+008 |
| 31.11 | 2.292196429+008 | 31.61 | 2.482503754+008 |
| 31.12 | 2.295884511+008 | 31.62 | 2.486434759+008 |
| 31.13 | 2.299577339+008 | 31.63 | 2.490370741+008 |
| 31.14 | 2.303274916+008 | 31.64 | 2.494311706+008 |
| 31.15 | 2.306977248+008 | 31.65 | 2.498257658+008 |
| 31.16 | 2.310684339+008 | 31.66 | 2.502208601+008 |
| 31.17 | 2.314396193+008 | 31.67 | 2.506164541+008 |
| 31.18 | 2.318112815+008 | 31.68 | 2.510125482+008 |
| 31.19 | 2.321834210+008 | 31.69 | 2.514091430+008 |
| 31.20 | 2.325560383+008 | 31.70 | 2.518062388+008 |
| 31.21 | 2.329291337+008 | 31.71 | 2.522038361+008 |
| 31.22 | 2.333027077+008 | 31.72 | 2.526019355+008 |
| 31.23 | 2.336767608+008 | 31.73 | 2.530005374+008 |
| 31.24 | 2.340512936+008 | 31.74 | 2.533996422+008 |
| 31.25 | 2.344263063+008 | 31.75 | 2.537992505+008 |
| 31.26 | 2.348017995+008 | 31.76 | 2.541993628+008 |
| 31.27 | 2.351777737+008 | 31.77 | 2.545999794+008 |
| 31.28 | 2.355542293+008 | 31.78 | 2.550011009+008 |
| 31.29 | 2.359311668+008 | 31.79 | 2.554027278+008 |
| 31.30 | 2.363085866+008 | 31.80 | 2.558048605+008 |
| 31.31 | 2.366864892+008 | 31.81 | 2.562074995+008 |
| 31.32 | 2.370648750+008 | 31.82 | 2.566106453+008 |
| 31.33 | 2.374437446+008 | 31.83 | 2.570142984+008 |
| 31.34 | 2.378230984+008 | 31.84 | 2.574184593+008 |
| 31.35 | 2.382029368+008 | 31.85 | 2.578231283+008 |
| 31.36 | 2.385832603+008 | 31.86 | 2.582283061+008 |
| 31.37 | 2.389640695+008 | 31.87 | 2.586339930+008 |
| 31.38 | 2.393453646+008 | 31.88 | 2.590401896+008 |
| 31.39 | 2.397271463+008 | 31.89 | 2.594468964+008 |
| 31.40 | 2.401094150+008 | 31.90 | 2.598541138+008 |
| 31.41 | 2.404921710+008 | 31.91 | 2.602618423+008 |
| 31.42 | 2.408754150+008 | 31.92 | 2.606700823+008 |
| 31.43 | 2.412591474+008 | 31.93 | 2.610788345+008 |
| 31.44 | 2.416433687+008 | 31.94 | 2.614880991+008 |
| 31.45 | 2.420280792+008 | 31.95 | 2.618978769+008 |
| 31.46 | 2.424132795+008 | 31.96 | 2.623081681+008 |
| 31.47 | 2.427989700+008 | 31.97 | 2.627189733+008 |
| 31.48 | 2.431851513+008 | 31.98 | 2.631302930+008 |
| 31.49 | 2.435718237+008 | 31.99 | 2.635421277+008 |
| 31.50 | 2.439589877+008 | 32.00 | 2.639544778+008 |



LEGENRE FUNCTION

P (X)  
5

|       |                 |       |                 |
|-------|-----------------|-------|-----------------|
| 32.01 | 2.643673438+008 | 32.51 | 2.856792310+008 |
| 32.02 | 2.647807263+008 | 32.52 | 2.861190578+008 |
| 32.03 | 2.651946256+008 | 32.53 | 2.865594261+008 |
| 32.04 | 2.656090423+008 | 32.54 | 2.870003363+008 |
| 32.05 | 2.660239769+008 | 32.55 | 2.874417891+008 |
| 32.06 | 2.664394299+008 | 32.56 | 2.878837848+008 |
| 32.07 | 2.668554016+008 | 32.57 | 2.883263241+008 |
| 32.08 | 2.672716927+008 | 32.58 | 2.887694074+008 |
| 32.09 | 2.676889036+008 | 32.59 | 2.892130351+008 |
| 32.10 | 2.681064348+008 | 32.60 | 2.896572079+008 |
| 32.11 | 2.685244868+008 | 32.61 | 2.901019261+008 |
| 32.12 | 2.689430601+008 | 32.62 | 2.905471904+008 |
| 32.13 | 2.693621551+008 | 32.63 | 2.909930012+008 |
| 32.14 | 2.697817723+008 | 32.64 | 2.914393589+008 |
| 32.15 | 2.702019123+008 | 32.65 | 2.918862642+008 |
| 32.16 | 2.706225755+008 | 32.66 | 2.923337176+008 |
| 32.17 | 2.710437624+008 | 32.67 | 2.927817194+008 |
| 32.18 | 2.714654735+008 | 32.68 | 2.932302703+008 |
| 32.19 | 2.718877093+008 | 32.69 | 2.936793706+008 |
| 32.20 | 2.723104703+008 | 32.70 | 2.941290211+008 |
| 32.21 | 2.727337569+008 | 32.71 | 2.945792220+008 |
| 32.22 | 2.731575697+008 | 32.72 | 2.950299740+008 |
| 32.23 | 2.735819091+008 | 32.73 | 2.954812776+008 |
| 32.24 | 2.740067757+008 | 32.74 | 2.959331332+008 |
| 32.25 | 2.744321699+008 | 32.75 | 2.963855414+008 |
| 32.26 | 2.748580922+008 | 32.76 | 2.968385026+008 |
| 32.27 | 2.752845431+008 | 32.77 | 2.972920175+008 |
| 32.28 | 2.757115231+008 | 32.78 | 2.977460864+008 |
| 32.29 | 2.761390327+008 | 32.79 | 2.982007099+008 |
| 32.30 | 2.765670724+008 | 32.80 | 2.986558885+008 |
| 32.31 | 2.769956426+008 | 32.81 | 2.991116227+008 |
| 32.32 | 2.774247440+008 | 32.82 | 2.995679130+008 |
| 32.33 | 2.778543769+008 | 32.83 | 3.000247599+008 |
| 32.34 | 2.782845419+008 | 32.84 | 3.004821640+008 |
| 32.35 | 2.787152394+008 | 32.85 | 3.009401257+008 |
| 32.36 | 2.791464699+008 | 32.86 | 3.013986456+008 |
| 32.37 | 2.795782340+008 | 32.87 | 3.018577241+008 |
| 32.38 | 2.800105322+008 | 32.88 | 3.023173618+008 |
| 32.39 | 2.804433649+008 | 32.89 | 3.027775592+008 |
| 32.40 | 2.808767325+008 | 32.90 | 3.032383168+008 |
| 32.41 | 2.813106358+008 | 32.91 | 3.036996351+008 |
| 32.42 | 2.817450750+008 | 32.92 | 3.041615146+008 |
| 32.43 | 2.821800508+008 | 32.93 | 3.046239558+008 |
| 32.44 | 2.826155635+008 | 32.94 | 3.050869593+008 |
| 32.45 | 2.830516138+008 | 32.95 | 3.055505255+008 |
| 32.46 | 2.834882021+008 | 32.96 | 3.060146550+008 |
| 32.47 | 2.839253289+008 | 32.97 | 3.064793483+008 |
| 32.48 | 2.843629946+008 | 32.98 | 3.069446058+008 |
| 32.49 | 2.848011999+008 | 32.99 | 3.074104282+008 |
| 32.50 | 2.852399452+008 | 33.00 | 3.078768159+008 |

LEGENRE FUNCTION

P (X)  
5

|       |                 |       |                 |
|-------|-----------------|-------|-----------------|
| 33.01 | 3.083437694+008 | 33.51 | 3.324243430+008 |
| 33.02 | 3.088112893+008 | 33.52 | 3.329208435+008 |
| 33.03 | 3.092793760+008 | 33.53 | 3.334179369+008 |
| 33.04 | 3.097480301+008 | 33.54 | 3.339156239+008 |
| 33.05 | 3.102172521+008 | 33.55 | 3.344139050+008 |
| 33.06 | 3.106870425+008 | 33.56 | 3.349127806+008 |
| 33.07 | 3.111574019+008 | 33.57 | 3.354122915+008 |
| 33.08 | 3.116283307+008 | 33.58 | 3.359123179+008 |
| 33.09 | 3.120998294+008 | 33.59 | 3.364129806+008 |
| 33.10 | 3.125718987+008 | 33.60 | 3.369142400+008 |
| 33.11 | 3.130445389+008 | 33.61 | 3.374160967+008 |
| 33.12 | 3.135177506+008 | 33.62 | 3.379185512+008 |
| 33.13 | 3.139915344+008 | 33.63 | 3.384216040+008 |
| 33.14 | 3.144658907+008 | 33.64 | 3.389252957+008 |
| 33.15 | 3.149408201+008 | 33.65 | 3.394295068+008 |
| 33.16 | 3.154163231+008 | 33.66 | 3.399343979+008 |
| 33.17 | 3.158924601+008 | 33.67 | 3.404398094+008 |
| 33.18 | 3.163693519+008 | 33.68 | 3.409458619+008 |
| 33.19 | 3.168462787+008 | 33.69 | 3.414525160+008 |
| 33.20 | 3.173240812+008 | 33.70 | 3.419597722+008 |
| 33.21 | 3.178024599+008 | 33.71 | 3.424676309+008 |
| 33.22 | 3.182814153+008 | 33.72 | 3.429760929+008 |
| 33.23 | 3.187609480+008 | 33.73 | 3.434851985+008 |
| 33.24 | 3.192410584+008 | 33.74 | 3.439948264+008 |
| 33.25 | 3.197217470+008 | 33.75 | 3.445051030+008 |
| 33.26 | 3.202030145+008 | 33.76 | 3.450159829+008 |
| 33.27 | 3.206848613+008 | 33.77 | 3.455274687+008 |
| 33.28 | 3.211672879+008 | 33.78 | 3.460395608+008 |
| 33.29 | 3.216502949+008 | 33.79 | 3.465522599+008 |
| 33.30 | 3.221338828+008 | 33.80 | 3.470655664+008 |
| 33.31 | 3.226180520+008 | 33.81 | 3.475794810+008 |
| 33.32 | 3.231028032+008 | 33.82 | 3.480940041+008 |
| 33.33 | 3.235881369+008 | 33.83 | 3.486091362+008 |
| 33.34 | 3.240740536+008 | 33.84 | 3.491248780+008 |
| 33.35 | 3.245605537+008 | 33.85 | 3.496412299+008 |
| 33.36 | 3.250476379+008 | 33.86 | 3.501581926+008 |
| 33.37 | 3.255353066+008 | 33.87 | 3.506757665+008 |
| 33.38 | 3.260235605+008 | 33.88 | 3.511939521+008 |
| 33.39 | 3.265124000+008 | 33.89 | 3.517127502+008 |
| 33.40 | 3.270018255+008 | 33.90 | 3.522321610+008 |
| 33.41 | 3.274918378+008 | 33.91 | 3.527521853+008 |
| 33.42 | 3.279824372+008 | 33.92 | 3.532728236+008 |
| 33.43 | 3.284736244+008 | 33.93 | 3.537940763+008 |
| 33.44 | 3.289653998+008 | 33.94 | 3.543159441+008 |
| 33.45 | 3.294577640+008 | 33.95 | 3.548384275+008 |
| 33.46 | 3.299507175+008 | 33.96 | 3.553615270+008 |
| 33.47 | 3.304442608+008 | 33.97 | 3.558852432+008 |
| 33.48 | 3.309383945+008 | 33.98 | 3.564095766+008 |
| 33.49 | 3.314331191+008 | 33.99 | 3.569345278+008 |
| 33.50 | 3.319284351+008 | 34.00 | 3.574600973+008 |

LEGENDRE FUNCTION

P (X)  
5

|       |                  |
|-------|------------------|
| 34.01 | 3.5798662856+008 |
| 34.02 | 3.585130934+008  |
| 34.03 | 3.590405211+008  |
| 34.04 | 3.595685693+008  |
| 34.05 | 3.600972386+008  |
| 34.06 | 3.606265294+008  |
| 34.07 | 3.611564424+008  |
| 34.08 | 3.616869781+008  |
| 34.09 | 3.622181370+008  |
| 34.10 | 3.627499197+008  |
| 34.11 | 3.632823268+008  |
| 34.12 | 3.638153587+008  |
| 34.13 | 3.643490161+008  |
| 34.14 | 3.648832995+008  |
| 34.15 | 3.654182094+008  |
| 34.16 | 3.659537463+008  |
| 34.17 | 3.664899110+008  |
| 34.18 | 3.670267038+008  |
| 34.19 | 3.675641253+008  |
| 34.20 | 3.681021762+008  |
| 34.21 | 3.686408569+008  |
| 34.22 | 3.691801680+008  |
| 34.23 | 3.697201100+008  |
| 34.24 | 3.702606836+008  |
| 34.25 | 3.708018892+008  |
| 34.26 | 3.713437274+008  |
| 34.27 | 3.718861988+008  |
| 34.28 | 3.724293040+008  |
| 34.29 | 3.729730434+008  |
| 34.30 | 3.735174176+008  |
| 34.31 | 3.740624272+008  |
| 34.32 | 3.746080778+008  |
| 34.33 | 3.751543549+008  |
| 34.34 | 3.757012740+008  |
| 34.35 | 3.762488307+008  |
| 34.36 | 3.767970256+008  |
| 34.37 | 3.773458593+008  |
| 34.38 | 3.778953322+008  |
| 34.39 | 3.784454450+008  |
| 34.40 | 3.789961982+008  |
| 34.41 | 3.795475923+008  |
| 34.42 | 3.800996280+008  |
| 34.43 | 3.806523058+008  |
| 34.44 | 3.812056262+008  |
| 34.45 | 3.817595898+008  |
| 34.46 | 3.823141971+008  |
| 34.47 | 3.828694488+008  |
| 34.48 | 3.834253454+008  |
| 34.49 | 3.839818874+008  |
| 34.50 | 3.845390754+008  |

|       |                 |
|-------|-----------------|
| 34.51 | 3.850969100+008 |
| 34.52 | 3.856553918+008 |
| 34.53 | 3.862145212+008 |
| 34.54 | 3.867742989+008 |
| 34.55 | 3.873347254+008 |
| 34.56 | 3.878958013+008 |
| 34.57 | 3.884575271+008 |
| 34.58 | 3.890199035+008 |
| 34.59 | 3.895829310+008 |
| 34.60 | 3.901466100+008 |
| 34.61 | 3.907109414+008 |
| 34.62 | 3.912759254+008 |
| 34.63 | 3.918415629+008 |
| 34.64 | 3.924078542+008 |
| 34.65 | 3.929748000+008 |
| 34.66 | 3.935424008+008 |
| 34.67 | 3.941106573+008 |
| 34.68 | 3.946795699+008 |
| 34.69 | 3.952491393+008 |
| 34.70 | 3.958193660+008 |
| 34.71 | 3.963902506+008 |
| 34.72 | 3.969617936+008 |
| 34.73 | 3.975339957+008 |
| 34.74 | 3.981068573+008 |
| 34.75 | 3.986803791+008 |
| 34.76 | 3.992545617+008 |
| 34.77 | 3.998294055+008 |
| 34.78 | 4.004049112+008 |
| 34.79 | 4.009810793+008 |
| 34.80 | 4.015579105+008 |
| 34.81 | 4.021354053+008 |
| 34.82 | 4.027135642+008 |
| 34.83 | 4.032923879+008 |
| 34.84 | 4.038718768+008 |
| 34.85 | 4.044520417+008 |
| 34.86 | 4.050328530+008 |
| 34.87 | 4.056143413+008 |
| 34.88 | 4.061964972+008 |
| 34.89 | 4.067793213+008 |
| 34.90 | 4.073628142+008 |
| 34.91 | 4.079469763+008 |
| 34.92 | 4.085318084+008 |
| 34.93 | 4.091173109+008 |
| 34.94 | 4.097034846+008 |
| 34.95 | 4.102903298+008 |
| 34.96 | 4.108778473+008 |
| 34.97 | 4.114660375+008 |
| 34.98 | 4.120549011+008 |
| 34.99 | 4.126444386+008 |
| 35.00 | 4.132346507+008 |

LEGENDRE FUNCTION

P (X)  
5

|       |                 |
|-------|-----------------|
| 35.01 | 4.138255378+008 |
| 35.02 | 4.144171007+008 |
| 35.03 | 4.150093397+008 |
| 35.04 | 4.156022557+008 |
| 35.05 | 4.161958490+008 |
| 35.06 | 4.167901203+008 |
| 35.07 | 4.173850703+008 |
| 35.08 | 4.179806993+008 |
| 35.09 | 4.185770081+008 |
| 35.10 | 4.191739973+008 |
| 35.11 | 4.197716673+008 |
| 35.12 | 4.203700188+008 |
| 35.13 | 4.209690524+008 |
| 35.14 | 4.215687686+008 |
| 35.15 | 4.221691680+008 |
| 35.16 | 4.227702513+008 |
| 35.17 | 4.233720190+008 |
| 35.18 | 4.239744716+008 |
| 35.19 | 4.245776099+008 |
| 35.20 | 4.251814342+008 |
| 35.21 | 4.257859454+008 |
| 35.22 | 4.263911438+008 |
| 35.23 | 4.269970302+008 |
| 35.24 | 4.276036050+008 |
| 35.25 | 4.282108690+008 |
| 35.26 | 4.288188225+008 |
| 35.27 | 4.294274664+008 |
| 35.28 | 4.300368011+008 |
| 35.29 | 4.306468273+008 |
| 35.30 | 4.312575454+008 |
| 35.31 | 4.318689562+008 |
| 35.32 | 4.324810602+008 |
| 35.33 | 4.330938579+008 |
| 35.34 | 4.337073500+008 |
| 35.35 | 4.343215371+008 |
| 35.36 | 4.349364198+008 |
| 35.37 | 4.355519986+008 |
| 35.38 | 4.361682741+008 |
| 35.39 | 4.367852470+008 |
| 35.40 | 4.374029178+008 |
| 35.41 | 4.380212871+008 |
| 35.42 | 4.386403555+008 |
| 35.43 | 4.392601236+008 |
| 35.44 | 4.398805921+008 |
| 35.45 | 4.405017614+008 |
| 35.46 | 4.411236321+008 |
| 35.47 | 4.417462049+008 |
| 35.48 | 4.423694804+008 |
| 35.49 | 4.429934592+008 |
| 35.50 | 4.436181418+008 |

|       |                 |
|-------|-----------------|
| 35.51 | 4.442435289+008 |
| 35.52 | 4.448696210+008 |
| 35.53 | 4.454964188+008 |
| 35.54 | 4.461239228+008 |
| 35.55 | 4.467521336+008 |
| 35.56 | 4.473810519+008 |
| 35.57 | 4.480106782+008 |
| 35.58 | 4.486410131+008 |
| 35.59 | 4.492720572+008 |
| 35.60 | 4.499038112+008 |
| 35.61 | 4.505362756+008 |
| 35.62 | 4.511694510+008 |
| 35.63 | 4.518033381+008 |
| 35.64 | 4.524379373+008 |
| 35.65 | 4.530732494+008 |
| 35.66 | 4.537092749+008 |
| 35.67 | 4.543460144+008 |
| 35.68 | 4.549834685+008 |
| 35.69 | 4.556216379+008 |
| 35.70 | 4.562605231+008 |
| 35.71 | 4.569001247+008 |
| 35.72 | 4.575404433+008 |
| 35.73 | 4.581814796+008 |
| 35.74 | 4.588232341+008 |
| 35.75 | 4.594657074+008 |
| 35.76 | 4.601090002+008 |
| 35.77 | 4.607528130+008 |
| 35.78 | 4.613974465+008 |
| 35.79 | 4.620428012+008 |
| 35.80 | 4.626888778+008 |
| 35.81 | 4.633356769+008 |
| 35.82 | 4.639831990+008 |
| 35.83 | 4.646314448+008 |
| 35.84 | 4.652804149+008 |
| 35.85 | 4.659301099+008 |
| 35.86 | 4.665805303+008 |
| 35.87 | 4.672316769+008 |
| 35.88 | 4.678835902+008 |
| 35.89 | 4.685361508+008 |
| 35.90 | 4.691894793+008 |
| 35.91 | 4.698435364+008 |
| 35.92 | 4.704983226+008 |
| 35.93 | 4.711538386+008 |
| 35.94 | 4.718100849+008 |
| 35.95 | 4.724680622+008 |
| 35.96 | 4.731277111+008 |
| 35.97 | 4.737883122+008 |
| 35.98 | 4.744423861+008 |
| 35.99 | 4.751022934+008 |
| 36.00 | 4.757629348+008 |

LEGENDRE FUNCTION

P (X)  
5

LEGENDRE FUNCTION

P (X)  
5

36.01 4.764243108+008  
 36.02 4.770864221+008  
 36.03 4.777492692+008  
 36.04 4.784128528+008  
 36.05 4.790771735+008  
 36.06 4.797422319+008  
 36.07 4.804080286+008  
 36.08 4.810745643+008  
 36.09 4.817418395+008  
 36.10 4.824098549+008  
 36.11 4.830786110+008  
 36.12 4.837481086+008  
 36.13 4.844143482+008  
 36.14 4.8508893304+008  
 36.15 4.857610559+008  
 36.16 4.864335252+008  
 36.17 4.871067390+008  
 36.18 4.877806979+008  
 36.19 4.884554025+008  
 36.20 4.891308535+008  
 36.21 4.898070515+008  
 36.22 4.904833969+008  
 36.23 4.911616907+008  
 36.24 4.918401332+008  
 36.25 4.925193251+008  
 36.26 4.931992671+008  
 36.27 4.938799598+008  
 36.28 4.945614038+008  
 36.29 4.952435997+008  
 36.30 4.959265482+008  
 36.31 4.966102498+008  
 36.32 4.972947052+008  
 36.33 4.979799150+008  
 36.34 4.986658799+008  
 36.35 4.993526004+008  
 36.36 5.000400772+008  
 36.37 5.007283109+008  
 36.38 5.014173021+008  
 36.39 5.021070515+008  
 36.40 5.027975597+008  
 36.41 5.034888273+008  
 36.42 5.041808549+008  
 36.43 5.048736432+008  
 36.44 5.055671928+008  
 36.45 5.062615042+008  
 36.46 5.069565782+008  
 36.47 5.076524154+008  
 36.48 5.083490164+008  
 36.49 5.090463819+008  
 36.50 5.097445123+008

36.51 5.104434085+008  
 36.52 5.111430710+008  
 36.53 5.118435004+008  
 36.54 5.125446974+008  
 36.55 5.132466626+008  
 36.56 5.139493966+008  
 36.57 5.146529002+008  
 36.58 5.153571738+008  
 36.59 5.160622181+008  
 36.60 5.167680338+008  
 36.61 5.174746215+008  
 36.62 5.181819819+008  
 36.63 5.188901155+008  
 36.64 5.195990229+008  
 36.65 5.203087050+008  
 36.66 5.210191622+008  
 36.67 5.217303952+008  
 36.68 5.224424046+008  
 36.69 5.231551911+008  
 36.70 5.238687553+008  
 36.71 5.245830978+008  
 36.72 5.252982194+008  
 36.73 5.260141205+008  
 36.74 5.267308019+008  
 36.75 5.274482642+008  
 36.76 5.281665080+008  
 36.77 5.288855341+008  
 36.78 5.296053428+008  
 36.79 5.303259351+008  
 36.80 5.310473114+008  
 36.81 5.317694725+008  
 36.82 5.324924189+008  
 36.83 5.332161513+008  
 36.84 5.339406704+008  
 36.85 5.346659767+008  
 36.86 5.353920710+008  
 36.87 5.361189538+008  
 36.88 5.368466259+008  
 36.89 5.375750878+008  
 36.90 5.383043402+008  
 36.91 5.390343838+008  
 36.92 5.397652191+008  
 36.93 5.404968469+008  
 36.94 5.412292677+008  
 36.95 5.419624822+008  
 36.96 5.426964912+008  
 36.97 5.434312951+008  
 36.98 5.441668947+008  
 36.99 5.449032905+008  
 37.00 5.456404833+008

37.01 5.463784737+008  
 37.02 5.471172624+008  
 37.03 5.478568499+008  
 37.04 5.485972370+008  
 37.05 5.493384424+008  
 37.06 5.500814123+008  
 37.07 5.508232018+008  
 37.08 5.515667935+008  
 37.09 5.523111879+008  
 37.10 5.530563858+008  
 37.11 5.538023877+008  
 37.12 5.545491944+008  
 37.13 5.552968064+008  
 37.14 5.560452245+008  
 37.15 5.567944493+008  
 37.16 5.575444814+008  
 37.17 5.582953214+008  
 37.18 5.590469702+008  
 37.19 5.597994282+008  
 37.20 5.605526961+008  
 37.21 5.613067746+008  
 37.22 5.620616644+008  
 37.23 5.628173662+008  
 37.24 5.635738804+008  
 37.25 5.643312079+008  
 37.26 5.650893492+008  
 37.27 5.658483050+008  
 37.28 5.666080761+008  
 37.29 5.673686630+008  
 37.30 5.681300664+008  
 37.31 5.688922869+008  
 37.32 5.696553252+008  
 37.33 5.704191820+008  
 37.34 5.711838580+008  
 37.35 5.719493537+008  
 37.36 5.727156699+008  
 37.37 5.734828071+008  
 37.38 5.742507662+008  
 37.39 5.750195476+008  
 37.40 5.757891521+008  
 37.41 5.765595804+008  
 37.42 5.773308331+008  
 37.43 5.781029108+008  
 37.44 5.788758143+008  
 37.45 5.796495442+008  
 37.46 5.804241011+008  
 37.47 5.811994858+008  
 37.48 5.819756987+008  
 37.49 5.827527408+008  
 37.50 5.835306126+008

37.51 5.843093147+008  
 37.52 5.850888478+008  
 37.53 5.858692327+008  
 37.54 5.866504099+008  
 37.55 5.874324402+008  
 37.56 5.882153041+008  
 37.57 5.889990024+008  
 37.58 5.897835357+008  
 37.59 5.905689048+008  
 37.60 5.913551101+008  
 37.61 5.921421526+008  
 37.62 5.929300327+008  
 37.63 5.937187512+008  
 37.64 5.945083087+008  
 37.65 5.952987060+008  
 37.66 5.960899436+008  
 37.67 5.968820222+008  
 37.68 5.976749426+008  
 37.69 5.984687054+008  
 37.70 5.992633312+008  
 37.71 6.000587608+008  
 37.72 6.008550547+008  
 37.73 6.016521937+008  
 37.74 6.024501785+008  
 37.75 6.032490097+008  
 37.76 6.040486879+008  
 37.77 6.048492140+008  
 37.78 6.056505884+008  
 37.79 6.064528121+008  
 37.80 6.072558854+008  
 37.81 6.080598092+008  
 37.82 6.088645842+008  
 37.83 6.096702110+008  
 37.84 6.104766903+008  
 37.85 6.112840227+008  
 37.86 6.120922090+008  
 37.87 6.129012498+008  
 37.88 6.137111458+008  
 37.89 6.145218976+008  
 37.90 6.153335060+008  
 37.91 6.161459717+008  
 37.92 6.169592952+008  
 37.93 6.177734773+008  
 37.94 6.185885188+008  
 37.95 6.194044202+008  
 37.96 6.20221821+008  
 37.97 6.210388054+008  
 37.98 6.218572907+008  
 37.99 6.226766387+008  
 38.00 6.234968900+008

LEGENRE FUNCTION

P (X)  
5

|       |                 |       |                 |
|-------|-----------------|-------|-----------------|
| 38.01 | 6.243179253+008 | 38.51 | 6.664885151+008 |
| 38.02 | 6.251398654+008 | 38.52 | 6.673545691+008 |
| 38.03 | 6.259626708+008 | 38.53 | 6.682215230+008 |
| 38.04 | 6.267863424+008 | 38.54 | 6.690893777+008 |
| 38.05 | 6.276108807+008 | 38.55 | 6.699581338+008 |
| 38.06 | 6.284362864+008 | 38.56 | 6.708277919+008 |
| 38.07 | 6.292625603+008 | 38.57 | 6.716983528+008 |
| 38.08 | 6.300897030+008 | 38.58 | 6.725698173+008 |
| 38.09 | 6.309177152+008 | 38.59 | 6.734421859+008 |
| 38.10 | 6.317465976+008 | 38.60 | 6.743154595+008 |
| 38.11 | 6.325763509+008 | 38.61 | 6.751896388+008 |
| 38.12 | 6.334069757+008 | 38.62 | 6.760647243+008 |
| 38.13 | 6.342384728+008 | 38.63 | 6.769407168+008 |
| 38.14 | 6.350708428+008 | 38.64 | 6.778176171+008 |
| 38.15 | 6.359040865+008 | 38.65 | 6.786954259+008 |
| 38.16 | 6.367382044+008 | 38.66 | 6.795741437+008 |
| 38.17 | 6.375731974+008 | 38.67 | 6.804537714+008 |
| 38.18 | 6.384090660+008 | 38.68 | 6.813343097+008 |
| 38.19 | 6.392458110+008 | 38.69 | 6.822157593+008 |
| 38.20 | 6.400834331+008 | 38.70 | 6.830981208+008 |
| 38.21 | 6.409219329+008 | 38.71 | 6.839813950+008 |
| 38.22 | 6.417613112+008 | 38.72 | 6.848655825+008 |
| 38.23 | 6.426015685+008 | 38.73 | 6.857506842+008 |
| 38.24 | 6.434427058+008 | 38.74 | 6.866367006+008 |
| 38.25 | 6.442847235+008 | 38.75 | 6.875236326+008 |
| 38.26 | 6.451276224+008 | 38.76 | 6.884114807+008 |
| 38.27 | 6.459714032+008 | 38.77 | 6.893002459+008 |
| 38.28 | 6.468160666+008 | 38.78 | 6.901899286+008 |
| 38.29 | 6.476616133+008 | 38.79 | 6.910805297+008 |
| 38.30 | 6.485080439+008 | 38.80 | 6.919720499+008 |
| 38.31 | 6.493553592+008 | 38.81 | 6.928644898+008 |
| 38.32 | 6.502035599+008 | 38.82 | 6.937578502+008 |
| 38.33 | 6.510526467+008 | 38.83 | 6.946521318+008 |
| 38.34 | 6.519026201+008 | 38.84 | 6.955473353+008 |
| 38.35 | 6.527534810+008 | 38.85 | 6.964434615+008 |
| 38.36 | 6.536052300+008 | 38.86 | 6.973405109+008 |
| 38.37 | 6.544578679+008 | 38.87 | 6.982384845+008 |
| 38.38 | 6.553113953+008 | 38.88 | 6.991373827+008 |
| 38.39 | 6.561658129+008 | 38.89 | 7.000372065+008 |
| 38.40 | 6.570211214+008 | 38.90 | 7.009379564+008 |
| 38.41 | 6.578773216+008 | 38.91 | 7.018396332+008 |
| 38.42 | 6.587344141+008 | 38.92 | 7.027422377+008 |
| 38.43 | 6.595923995+008 | 38.93 | 7.036457705+008 |
| 38.44 | 6.604512787+008 | 38.94 | 7.045502323+008 |
| 38.45 | 6.613110522+008 | 38.95 | 7.054556239+008 |
| 38.46 | 6.621717209+008 | 38.96 | 7.063619460+008 |
| 38.47 | 6.630332853+008 | 38.97 | 7.072691992+008 |
| 38.48 | 6.638957463+008 | 38.98 | 7.081773844+008 |
| 38.49 | 6.647591045+008 | 38.99 | 7.090865022+008 |
| 38.50 | 6.656233605+008 | 39.00 | 7.099965934+008 |

LEGENRE FUNCTION

P (X)  
5

|       |                 |       |                 |
|-------|-----------------|-------|-----------------|
| 39.01 | 7.109075386+008 | 39.51 | 7.576637246+008 |
| 39.02 | 7.118194586+008 | 39.52 | 7.586233087+008 |
| 39.03 | 7.127323142+008 | 39.53 | 7.595838648+008 |
| 39.04 | 7.136461059+008 | 39.54 | 7.605453935+008 |
| 39.05 | 7.145608346+008 | 39.55 | 7.615078956+008 |
| 39.06 | 7.154765010+008 | 39.56 | 7.624713719+008 |
| 39.07 | 7.163931058+008 | 39.57 | 7.634358230+008 |
| 39.08 | 7.173106496+008 | 39.58 | 7.644012498+008 |
| 39.09 | 7.182291334+008 | 39.59 | 7.653676530+008 |
| 39.10 | 7.191485576+008 | 39.60 | 7.663350332+008 |
| 39.11 | 7.200689231+008 | 39.61 | 7.673033914+008 |
| 39.12 | 7.209902307+008 | 39.62 | 7.682727281+008 |
| 39.13 | 7.219124809+008 | 39.63 | 7.692430442+008 |
| 39.14 | 7.228356746+008 | 39.64 | 7.702143403+008 |
| 39.15 | 7.237598124+008 | 39.65 | 7.711866173+008 |
| 39.16 | 7.246848952+008 | 39.66 | 7.721598758+008 |
| 39.17 | 7.256109235+008 | 39.67 | 7.731341166+008 |
| 39.18 | 7.265378982+008 | 39.68 | 7.741093405+008 |
| 39.19 | 7.274658200+008 | 39.69 | 7.750855482+008 |
| 39.20 | 7.283946895+008 | 39.70 | 7.760627404+008 |
| 39.21 | 7.293245076+008 | 39.71 | 7.770409179+008 |
| 39.22 | 7.302552749+008 | 39.72 | 7.780200814+008 |
| 39.23 | 7.311869922+008 | 39.73 | 7.790002317+008 |
| 39.24 | 7.321196602+008 | 39.74 | 7.799813695+008 |
| 39.25 | 7.330532796+008 | 39.75 | 7.809634955+008 |
| 39.26 | 7.339878511+008 | 39.76 | 7.819466106+008 |
| 39.27 | 7.349233755+008 | 39.77 | 7.829307155+008 |
| 39.28 | 7.358598536+008 | 39.78 | 7.839158108+008 |
| 39.29 | 7.367972859+008 | 39.79 | 7.849018974+008 |
| 39.30 | 7.377356734+008 | 39.80 | 7.858889760+008 |
| 39.31 | 7.386750166+008 | 39.81 | 7.868770473+008 |
| 39.32 | 7.396153163+008 | 39.82 | 7.878661121+008 |
| 39.33 | 7.405565733+008 | 39.83 | 7.888561712+008 |
| 39.34 | 7.414987883+008 | 39.84 | 7.898472253+008 |
| 39.35 | 7.424419620+008 | 39.85 | 7.908392751+008 |
| 39.36 | 7.433860951+008 | 39.86 | 7.918323214+008 |
| 39.37 | 7.443311885+008 | 39.87 | 7.928263649+008 |
| 39.38 | 7.452772427+008 | 39.88 | 7.938214064+008 |
| 39.39 | 7.462242587+008 | 39.89 | 7.948174467+008 |
| 39.40 | 7.471722369+008 | 39.90 | 7.958144865+008 |
| 39.41 | 7.481211783+008 | 39.91 | 7.968125265+008 |
| 39.42 | 7.490710835+008 | 39.92 | 7.978115676+008 |
| 39.43 | 7.500219533+008 | 39.93 | 7.988116104+008 |
| 39.44 | 7.509737884+008 | 39.94 | 7.998126556+008 |
| 39.45 | 7.519265895+008 | 39.95 | 8.008147042+008 |
| 39.46 | 7.528803575+008 | 39.96 | 8.018177967+008 |
| 39.47 | 7.538350930+008 | 39.97 | 8.028218141+008 |
| 39.48 | 7.547907967+008 | 39.98 | 8.038268769+008 |
| 39.49 | 7.557474693+008 | 39.99 | 8.048329461+008 |
| 39.50 | 7.567051118+008 | 40.00 | 8.058400223+008 |

LEGENDRE FUNCTION

P (X)

LEGENDRE FUNCTION

P (X)

5

|       |                 |
|-------|-----------------|
| 40.01 | 8.068481062+008 |
| 40.02 | 8.078571987+008 |
| 40.03 | 8.088673005+008 |
| 40.04 | 8.098784124+008 |
| 40.05 | 8.108905351+008 |
| 40.06 | 8.119036694+008 |
| 40.07 | 8.129178159+008 |
| 40.08 | 8.139329757+008 |
| 40.09 | 8.149491492+008 |
| 40.10 | 8.159663374+008 |
| 40.11 | 8.169845408+008 |
| 40.12 | 8.180037605+008 |
| 40.13 | 8.190239971+008 |
| 40.14 | 8.200452511+008 |
| 40.15 | 8.210675238+008 |
| 40.16 | 8.220908155+008 |
| 40.17 | 8.231151273+008 |
| 40.18 | 8.241404596+008 |
| 40.19 | 8.251668134+008 |
| 40.20 | 8.261941896+008 |
| 40.21 | 8.272225886+008 |
| 40.22 | 8.282520114+008 |
| 40.23 | 8.292824588+008 |
| 40.24 | 8.303139313+008 |
| 40.25 | 8.313464300+008 |
| 40.26 | 8.323799554+008 |
| 40.27 | 8.334145084+008 |
| 40.28 | 8.344500898+008 |
| 40.29 | 8.354867002+008 |
| 40.30 | 8.365243406+008 |
| 40.31 | 8.375630115+008 |
| 40.32 | 8.386027139+008 |
| 40.33 | 8.396434485+008 |
| 40.34 | 8.406852159+008 |
| 40.35 | 8.417280172+008 |
| 40.36 | 8.427718529+008 |
| 40.37 | 8.438167238+008 |
| 40.38 | 8.448626307+008 |
| 40.39 | 8.459095745+008 |
| 40.40 | 8.469575558+008 |
| 40.41 | 8.480065754+008 |
| 40.42 | 8.490566341+008 |
| 40.43 | 8.501077327+008 |
| 40.44 | 8.511598720+008 |
| 40.45 | 8.522130527+008 |
| 40.46 | 8.532672755+008 |
| 40.47 | 8.543225414+008 |
| 40.48 | 8.553788509+008 |
| 40.49 | 8.564362050+008 |
| 40.50 | 8.574946044+008 |

|       |                 |
|-------|-----------------|
| 40.51 | 8.585540499+008 |
| 40.52 | 8.596145421+008 |
| 40.53 | 8.606760820+008 |
| 40.54 | 8.617386702+008 |
| 40.55 | 8.628023077+008 |
| 40.56 | 8.638666995+008 |
| 40.57 | 8.649327331+008 |
| 40.58 | 8.659995228+008 |
| 40.59 | 8.670673646+008 |
| 40.60 | 8.681362995+008 |
| 40.61 | 8.692062083+008 |
| 40.62 | 8.702772117+008 |
| 40.63 | 8.713492704+008 |
| 40.64 | 8.724223853+008 |
| 40.65 | 8.734965972+008 |
| 40.66 | 8.745717868+008 |
| 40.67 | 8.756480749+008 |
| 40.68 | 8.767254223+008 |
| 40.69 | 8.778038298+008 |
| 40.70 | 8.788832981+008 |
| 40.71 | 8.799638280+008 |
| 40.72 | 8.810454204+008 |
| 40.73 | 8.821280760+008 |
| 40.74 | 8.832117955+008 |
| 40.75 | 8.842965799+008 |
| 40.76 | 8.853824298+008 |
| 40.77 | 8.864693460+008 |
| 40.78 | 8.875573294+008 |
| 40.79 | 8.886463807+008 |
| 40.80 | 8.897365007+008 |
| 40.81 | 8.908276902+008 |
| 40.82 | 8.919199499+008 |
| 40.83 | 8.930132807+008 |
| 40.84 | 8.941076833+008 |
| 40.85 | 8.952031985+008 |
| 40.86 | 8.962997072+008 |
| 40.87 | 8.973973301+008 |
| 40.88 | 8.984960280+008 |
| 40.89 | 8.995958017+008 |
| 40.90 | 9.006966919+008 |
| 40.91 | 9.017985795+008 |
| 40.92 | 9.029015853+008 |
| 40.93 | 9.040056700+008 |
| 40.94 | 9.051108345+008 |
| 40.95 | 9.062170796+008 |
| 40.96 | 9.073244059+008 |
| 40.97 | 9.084328144+008 |
| 40.98 | 9.095423057+008 |
| 40.99 | 9.106528808+008 |
| 41.00 | 9.117645403+008 |

|       |                 |
|-------|-----------------|
| 41.01 | 9.128772851+008 |
| 41.02 | 9.139911160+008 |
| 41.03 | 9.151060339+008 |
| 41.04 | 9.162220393+008 |
| 41.05 | 9.173391333+008 |
| 41.06 | 9.184573165+008 |
| 41.07 | 9.195765898+008 |
| 41.08 | 9.206969539+008 |
| 41.09 | 9.218184097+008 |
| 41.10 | 9.229409580+008 |
| 41.11 | 9.240645995+008 |
| 41.12 | 9.251893351+008 |
| 41.13 | 9.263151655+008 |
| 41.14 | 9.274420915+008 |
| 41.15 | 9.285701140+008 |
| 41.16 | 9.296992338+008 |
| 41.17 | 9.308294515+008 |
| 41.18 | 9.319607682+008 |
| 41.19 | 9.330931845+008 |
| 41.20 | 9.342267013+008 |
| 41.21 | 9.353613192+008 |
| 41.22 | 9.364970393+008 |
| 41.23 | 9.376338622+008 |
| 41.24 | 9.387717888+008 |
| 41.25 | 9.399108198+008 |
| 41.26 | 9.410509561+008 |
| 41.27 | 9.421921984+008 |
| 41.28 | 9.433345477+008 |
| 41.29 | 9.444780046+008 |
| 41.30 | 9.456225700+008 |
| 41.31 | 9.467682447+008 |
| 41.32 | 9.479150295+008 |
| 41.33 | 9.490629253+008 |
| 41.34 | 9.502119327+008 |
| 41.35 | 9.513620526+008 |
| 41.36 | 9.525132859+008 |
| 41.37 | 9.536656333+008 |
| 41.38 | 9.548190956+008 |
| 41.39 | 9.559736737+008 |
| 41.40 | 9.571293684+008 |
| 41.41 | 9.582861804+008 |
| 41.42 | 9.594441106+008 |
| 41.43 | 9.606031597+008 |
| 41.44 | 9.617633288+008 |
| 41.45 | 9.629246183+008 |
| 41.46 | 9.640870294+008 |
| 41.47 | 9.652505627+008 |
| 41.48 | 9.664152190+008 |
| 41.49 | 9.675809991+008 |
| 41.50 | 9.687479040+008 |

|       |                 |
|-------|-----------------|
| 41.51 | 9.699159343+008 |
| 41.52 | 9.710850910+008 |
| 41.53 | 9.722553747+008 |
| 41.54 | 9.734267864+008 |
| 41.55 | 9.745993268+008 |
| 41.56 | 9.757729968+008 |
| 41.57 | 9.769477972+008 |
| 41.58 | 9.781237287+008 |
| 41.59 | 9.793007923+008 |
| 41.60 | 9.804789888+008 |
| 41.61 | 9.816583188+008 |
| 41.62 | 9.828387833+008 |
| 41.63 | 9.840203831+008 |
| 41.64 | 9.852031190+008 |
| 41.65 | 9.863869918+008 |
| 41.66 | 9.875720023+008 |
| 41.67 | 9.887581514+008 |
| 41.68 | 9.899454399+008 |
| 41.69 | 9.911338685+008 |
| 41.70 | 9.923234383+008 |
| 41.71 | 9.935141498+008 |
| 41.72 | 9.947060039+008 |
| 41.73 | 9.958990017+008 |
| 41.74 | 9.970931437+008 |
| 41.75 | 9.982884307+008 |
| 41.76 | 9.994848639+008 |
| 41.77 | 1.00682444+009  |
| 41.78 | 1.001881171+009 |
| 41.79 | 1.003081047+009 |
| 41.80 | 1.004282072+009 |
| 41.81 | 1.005484247+009 |
| 41.82 | 1.006687573+009 |
| 41.83 | 1.007892051+009 |
| 41.84 | 1.009097682+009 |
| 41.85 | 1.010304465+009 |
| 41.86 | 1.011512403+009 |
| 41.87 | 1.012721496+009 |
| 41.88 | 1.013931745+009 |
| 41.89 | 1.015143151+009 |
| 41.90 | 1.016355714+009 |
| 41.91 | 1.017569435+009 |
| 41.92 | 1.018784316+009 |
| 41.93 | 1.020000357+009 |
| 41.94 | 1.021217558+009 |
| 41.95 | 1.022435921+009 |
| 41.96 | 1.023655447+009 |
| 41.97 | 1.024876136+009 |
| 41.98 | 1.026097989+009 |
| 41.99 | 1.027321007+009 |
| 42.00 | 1.028545191+009 |

## LEGENDRE FUNCTION

P (X)  
5

42.01 1.029770542+009  
 42.02 1.030997060+009  
 42.03 1.032224746+009  
 42.04 1.033453602+009  
 42.05 1.034683628+009  
 42.06 1.035914824+009  
 42.07 1.037147192+009  
 42.08 1.038380733+009  
 42.09 1.039615447+009  
 42.10 1.040851335+009  
 42.11 1.042088399+009  
 42.12 1.043326638+009  
 42.13 1.044566053+009  
 42.14 1.045806647+009  
 42.15 1.047048418+009  
 42.16 1.048291369+009  
 42.17 1.049535500+009  
 42.18 1.050780812+009  
 42.19 1.052027306+009  
 42.20 1.053274982+009  
 42.21 1.054523841+009  
 42.22 1.055773885+009  
 42.23 1.057025114+009  
 42.24 1.058277529+009  
 42.25 1.059531130+009  
 42.26 1.060785920+009  
 42.27 1.062041897+009  
 42.28 1.063299064+009  
 42.29 1.064557422+009  
 42.30 1.065816970+009  
 42.31 1.067077710+009  
 42.32 1.068339643+009  
 42.33 1.069602769+009  
 42.34 1.070867089+009  
 42.35 1.072132605+009  
 42.36 1.073399317+009  
 42.37 1.074667226+009  
 42.38 1.075936333+009  
 42.39 1.077206638+009  
 42.40 1.078478143+009  
 42.41 1.079750848+009  
 42.42 1.081024754+009  
 42.43 1.082299863+009  
 42.44 1.083576174+009  
 42.45 1.084853689+009  
 42.46 1.086132408+009  
 42.47 1.087412333+009  
 42.48 1.088693464+009  
 42.49 1.089975802+009  
 42.50 1.091259349+009

42.51 1.092544104+009  
 42.52 1.093830068+009  
 42.53 1.095117244+009  
 42.54 1.096405630+009  
 42.55 1.097695229+009  
 42.56 1.098986042+009  
 42.57 1.100278068+009  
 42.58 1.101571309+009  
 42.59 1.102865765+009  
 42.60 1.104161438+009  
 42.61 1.105458329+009  
 42.62 1.106756437+009  
 42.63 1.108055765+009  
 42.64 1.109356313+009  
 42.65 1.110658081+009  
 42.66 1.111961072+009  
 42.67 1.113265285+009  
 42.68 1.114570721+009  
 42.69 1.115877381+009  
 42.70 1.117185267+009  
 42.71 1.118494378+009  
 42.72 1.119804717+009  
 42.73 1.121116283+009  
 42.74 1.122429078+009  
 42.75 1.123743102+009  
 42.76 1.125058356+009  
 42.77 1.126374842+009  
 42.78 1.127692560+009  
 42.79 1.129011510+009  
 42.80 1.130331694+009  
 42.81 1.131653113+009  
 42.82 1.132975768+009  
 42.83 1.134299658+009  
 42.84 1.135624786+009  
 42.85 1.136951152+009  
 42.86 1.138278757+009  
 42.87 1.139607602+009  
 42.88 1.140937688+009  
 42.89 1.142269015+009  
 42.90 1.143601584+009  
 42.91 1.144935397+009  
 42.92 1.146270454+009  
 42.93 1.147606756+009  
 42.94 1.148944304+009  
 42.95 1.150283098+009  
 42.96 1.151623141+009  
 42.97 1.152966431+009  
 42.98 1.154306971+009  
 42.99 1.155650762+009  
 43.00 1.156995804+009

## LEGENDRE FUNCTION

P (X)  
5

43.01 1.158342097+009  
 43.02 1.159689644+009  
 43.03 1.161038444+009  
 43.04 1.162388499+009  
 43.05 1.163739809+009  
 43.06 1.165092376+009  
 43.07 1.166446200+009  
 43.08 1.167801282+009  
 43.09 1.169157623+009  
 43.10 1.170515224+009  
 43.11 1.171874086+009  
 43.12 1.173234210+009  
 43.13 1.174595595+009  
 43.14 1.175958245+009  
 43.15 1.177322159+009  
 43.16 1.178687337+009  
 43.17 1.180053782+009  
 43.18 1.181421494+009  
 43.19 1.182790474+009  
 43.20 1.184160722+009  
 43.21 1.185532240+009  
 43.22 1.186905028+009  
 43.23 1.188279088+009  
 43.24 1.189654419+009  
 43.25 1.191031024+009  
 43.26 1.192408903+009  
 43.27 1.193788057+009  
 43.28 1.195168486+009  
 43.29 1.196550192+009  
 43.30 1.197933176+009  
 43.31 1.199317438+009  
 43.32 1.200702979+009  
 43.33 1.202089801+009  
 43.34 1.203477903+009  
 43.35 1.204867288+009  
 43.36 1.206257955+009  
 43.37 1.207649906+009  
 43.38 1.209043142+009  
 43.39 1.210437663+009  
 43.40 1.211833471+009  
 43.41 1.213230566+009  
 43.42 1.214628949+009  
 43.43 1.216028621+009  
 43.44 1.217429583+009  
 43.45 1.218831835+009  
 43.46 1.220235380+009  
 43.47 1.221640217+009  
 43.48 1.223046348+009  
 43.49 1.224453773+009  
 43.50 1.225862494+009

43.51 1.227272510+009  
 43.52 1.228683824+009  
 43.53 1.230096436+009  
 43.54 1.231510346+009  
 43.55 1.232925557+009  
 43.56 1.234342068+009  
 43.57 1.235759881+009  
 43.58 1.237178996+009  
 43.59 1.238599414+009  
 43.60 1.240021137+009  
 43.61 1.241444165+009  
 43.62 1.242868499+009  
 43.63 1.244294140+009  
 43.64 1.245721088+009  
 43.65 1.247149346+009  
 43.66 1.248578913+009  
 43.67 1.250009791+009  
 43.68 1.251441980+009  
 43.69 1.252875482+009  
 43.70 1.254310296+009  
 43.71 1.255746425+009  
 43.72 1.257183869+009  
 43.73 1.258622630+009  
 43.74 1.260062706+009  
 43.75 1.261504101+009  
 43.76 1.262946814+009  
 43.77 1.264390847+009  
 43.78 1.265836201+009  
 43.79 1.267282755+009  
 43.80 1.268730873+009  
 43.81 1.270180193+009  
 43.82 1.271630837+009  
 43.83 1.273082807+009  
 43.84 1.274536102+009  
 43.85 1.275990724+009  
 43.86 1.277446674+009  
 43.87 1.278903953+009  
 43.88 1.280362561+009  
 43.89 1.281822500+009  
 43.90 1.283283770+009  
 43.91 1.284746372+009  
 43.92 1.286210307+009  
 43.93 1.287675577+009  
 43.94 1.289142182+009  
 43.95 1.290610122+009  
 43.96 1.292079400+009  
 43.97 1.293550015+009  
 43.98 1.295021969+009  
 43.99 1.296495262+009  
 44.00 1.297969806+009

LEGENDRE FUNCTION

P (X)  
5

|       |                 |
|-------|-----------------|
| 44.01 | 1.299445871+009 |
| 44.02 | 1.300923189+009 |
| 44.03 | 1.302401850+009 |
| 44.04 | 1.303881855+009 |
| 44.05 | 1.305363205+009 |
| 44.06 | 1.306845902+009 |
| 44.07 | 1.308329945+009 |
| 44.08 | 1.309815336+009 |
| 44.09 | 1.311302075+009 |
| 44.10 | 1.312790165+009 |
| 44.11 | 1.314279605+009 |
| 44.12 | 1.315770396+009 |
| 44.13 | 1.317262540+009 |
| 44.14 | 1.318756037+009 |
| 44.15 | 1.320250889+009 |
| 44.16 | 1.321747095+009 |
| 44.17 | 1.323244658+009 |
| 44.18 | 1.324743578+009 |
| 44.19 | 1.326243855+009 |
| 44.20 | 1.327745492+009 |
| 44.21 | 1.329248488+009 |
| 44.22 | 1.330752845+009 |
| 44.23 | 1.332258564+009 |
| 44.24 | 1.333765645+009 |
| 44.25 | 1.335274090+009 |
| 44.26 | 1.336783899+009 |
| 44.27 | 1.338295074+009 |
| 44.28 | 1.339807615+009 |
| 44.29 | 1.341321523+009 |
| 44.30 | 1.342836799+009 |
| 44.31 | 1.344353444+009 |
| 44.32 | 1.345871459+009 |
| 44.33 | 1.347390845+009 |
| 44.34 | 1.348911603+009 |
| 44.35 | 1.350433734+009 |
| 44.36 | 1.351957238+009 |
| 44.37 | 1.353482117+009 |
| 44.38 | 1.355008372+009 |
| 44.39 | 1.356536003+009 |
| 44.40 | 1.358065011+009 |
| 44.41 | 1.359595398+009 |
| 44.42 | 1.361127164+009 |
| 44.43 | 1.362660310+009 |
| 44.44 | 1.364194837+009 |
| 44.45 | 1.365730747+009 |
| 44.46 | 1.367268039+009 |
| 44.47 | 1.368806715+009 |
| 44.48 | 1.370346777+009 |
| 44.49 | 1.371888224+009 |
| 44.50 | 1.373431057+009 |

|       |                 |
|-------|-----------------|
| 44.51 | 1.374975279+009 |
| 44.52 | 1.376520889+009 |
| 44.53 | 1.378067888+009 |
| 44.54 | 1.379616278+009 |
| 44.55 | 1.381166060+009 |
| 44.56 | 1.382717234+009 |
| 44.57 | 1.384269801+009 |
| 44.58 | 1.385823762+009 |
| 44.59 | 1.387379119+009 |
| 44.60 | 1.388935871+009 |
| 44.61 | 1.390494021+009 |
| 44.62 | 1.392053569+009 |
| 44.63 | 1.393614515+009 |
| 44.64 | 1.395176862+009 |
| 44.65 | 1.396740609+009 |
| 44.66 | 1.398305758+009 |
| 44.67 | 1.399872310+009 |
| 44.68 | 1.401440265+009 |
| 44.69 | 1.403009625+009 |
| 44.70 | 1.404580391+009 |
| 44.71 | 1.406152563+009 |
| 44.72 | 1.407726142+009 |
| 44.73 | 1.409301130+009 |
| 44.74 | 1.410877527+009 |
| 44.75 | 1.412455334+009 |
| 44.76 | 1.414034553+009 |
| 44.77 | 1.415615183+009 |
| 44.78 | 1.417197227+009 |
| 44.79 | 1.418780685+009 |
| 44.80 | 1.420365558+009 |
| 44.81 | 1.421951846+009 |
| 44.82 | 1.423539552+009 |
| 44.83 | 1.425128675+009 |
| 44.84 | 1.426719217+009 |
| 44.85 | 1.428311179+009 |
| 44.86 | 1.429904562+009 |
| 44.87 | 1.431499366+009 |
| 44.88 | 1.433095593+009 |
| 44.89 | 1.434693243+009 |
| 44.90 | 1.436292318+009 |
| 44.91 | 1.437892818+009 |
| 44.92 | 1.439494745+009 |
| 44.93 | 1.441098099+009 |
| 44.94 | 1.442702881+009 |
| 44.95 | 1.444309093+009 |
| 44.96 | 1.445916734+009 |
| 44.97 | 1.447525807+009 |
| 44.98 | 1.449136312+009 |
| 44.99 | 1.450748250+009 |
| 45.00 | 1.452361622+009 |

LEGENDRE FUNCTION

P (X)  
5

|       |                 |
|-------|-----------------|
| 45.01 | 1.453976430+009 |
| 45.02 | 1.455592673+009 |
| 45.03 | 1.457210352+009 |
| 45.04 | 1.458829470+009 |
| 45.05 | 1.460450027+009 |
| 45.06 | 1.462072023+009 |
| 45.07 | 1.463695460+009 |
| 45.08 | 1.465320339+009 |
| 45.09 | 1.466946660+009 |
| 45.10 | 1.468574426+009 |
| 45.11 | 1.470203635+009 |
| 45.12 | 1.471834290+009 |
| 45.13 | 1.473466392+009 |
| 45.14 | 1.475099941+009 |
| 45.15 | 1.476734938+009 |
| 45.16 | 1.478371385+009 |
| 45.17 | 1.480009283+009 |
| 45.18 | 1.481648631+009 |
| 45.19 | 1.483289432+009 |
| 45.20 | 1.484931686+009 |
| 45.21 | 1.486575394+009 |
| 45.22 | 1.488220558+009 |
| 45.23 | 1.489867177+009 |
| 45.24 | 1.491515254+009 |
| 45.25 | 1.493164789+009 |
| 45.26 | 1.494815782+009 |
| 45.27 | 1.496468236+009 |
| 45.28 | 1.498122151+009 |
| 45.29 | 1.499777527+009 |
| 45.30 | 1.501434367+009 |
| 45.31 | 1.503092671+009 |
| 45.32 | 1.504752439+009 |
| 45.33 | 1.506413673+009 |
| 45.34 | 1.508076374+009 |
| 45.35 | 1.509740543+009 |
| 45.36 | 1.511406180+009 |
| 45.37 | 1.513073287+009 |
| 45.38 | 1.514741865+009 |
| 45.39 | 1.516411914+009 |
| 45.40 | 1.518083436+009 |
| 45.41 | 1.519756432+009 |
| 45.42 | 1.521430902+009 |
| 45.43 | 1.523106648+009 |
| 45.44 | 1.524784270+009 |
| 45.45 | 1.526463170+009 |
| 45.46 | 1.528143548+009 |
| 45.47 | 1.529825406+009 |
| 45.48 | 1.531508744+009 |
| 45.49 | 1.533193563+009 |
| 45.50 | 1.534879865+009 |

|       |                 |
|-------|-----------------|
| 45.51 | 1.536567650+009 |
| 45.52 | 1.538256920+009 |
| 45.53 | 1.539947675+009 |
| 45.54 | 1.541639916+009 |
| 45.55 | 1.543333644+009 |
| 45.56 | 1.545028861+009 |
| 45.57 | 1.546725567+009 |
| 45.58 | 1.548423763+009 |
| 45.59 | 1.550123450+009 |
| 45.60 | 1.551824630+009 |
| 45.61 | 1.553527302+009 |
| 45.62 | 1.555231469+009 |
| 45.63 | 1.556937131+009 |
| 45.64 | 1.558644289+009 |
| 45.65 | 1.560352944+009 |
| 45.66 | 1.562063097+009 |
| 45.67 | 1.563774750+009 |
| 45.68 | 1.565487902+009 |
| 45.69 | 1.567202555+009 |
| 45.70 | 1.568918710+009 |
| 45.71 | 1.570636369+009 |
| 45.72 | 1.572355531+009 |
| 45.73 | 1.574076198+009 |
| 45.74 | 1.575798372+009 |
| 45.75 | 1.577522052+009 |
| 45.76 | 1.579247240+009 |
| 45.77 | 1.580973937+009 |
| 45.78 | 1.582702144+009 |
| 45.79 | 1.584431862+009 |
| 45.80 | 1.586163092+009 |
| 45.81 | 1.587895835+009 |
| 45.82 | 1.589630091+009 |
| 45.83 | 1.591365863+009 |
| 45.84 | 1.593103150+009 |
| 45.85 | 1.594844954+009 |
| 45.86 | 1.596582276+009 |
| 45.87 | 1.598324117+009 |
| 45.88 | 1.600067478+009 |
| 45.89 | 1.601812359+009 |
| 45.90 | 1.603558763+009 |
| 45.91 | 1.605306689+009 |
| 45.92 | 1.607056139+009 |
| 45.93 | 1.608807114+009 |
| 45.94 | 1.610559614+009 |
| 45.95 | 1.612313642+009 |
| 45.96 | 1.614069197+009 |
| 45.97 | 1.615826281+009 |
| 45.98 | 1.617584895+009 |
| 45.99 | 1.619345040+009 |
| 46.00 | 1.621106716+009 |

LEGENDRE FUNCTION

P (X)

5

|       |                 |       |                 |
|-------|-----------------|-------|-----------------|
| 46.01 | 1.622869926+009 | 46.51 | 1.713006928+009 |
| 46.02 | 1.624634669+009 | 46.52 | 1.714849546+009 |
| 46.03 | 1.626400947+009 | 46.53 | 1.716693949+009 |
| 46.04 | 1.628168760+009 | 46.54 | 1.718539839+009 |
| 46.05 | 1.629938111+009 | 46.55 | 1.720387316+009 |
| 46.06 | 1.631708999+009 | 46.56 | 1.722236381+009 |
| 46.07 | 1.633481426+009 | 46.57 | 1.724087036+009 |
| 46.08 | 1.635255393+009 | 46.58 | 1.725939281+009 |
| 46.09 | 1.637030901+009 | 46.59 | 1.727793118+009 |
| 46.10 | 1.638807951+009 | 46.60 | 1.729648547+009 |
| 46.11 | 1.640586643+009 | 46.61 | 1.731505570+009 |
| 46.12 | 1.642366679+009 | 46.62 | 1.733364188+009 |
| 46.13 | 1.644146360+009 | 46.63 | 1.735224401+009 |
| 46.14 | 1.645931587+009 | 46.64 | 1.737086211+009 |
| 46.15 | 1.647716361+009 | 46.65 | 1.738949619+009 |
| 46.16 | 1.649502682+009 | 46.66 | 1.740814625+009 |
| 46.17 | 1.651290553+009 | 46.67 | 1.742681231+009 |
| 46.18 | 1.653079973+009 | 46.68 | 1.744549437+009 |
| 46.19 | 1.654870944+009 | 46.69 | 1.746419246+009 |
| 46.20 | 1.656663467+009 | 46.70 | 1.748290657+009 |
| 46.21 | 1.658457543+009 | 46.71 | 1.750163672+009 |
| 46.22 | 1.660253173+009 | 46.72 | 1.752038293+009 |
| 46.23 | 1.662050357+009 | 46.73 | 1.753914518+009 |
| 46.24 | 1.663849098+009 | 46.74 | 1.755792352+009 |
| 46.25 | 1.665649395+009 | 46.75 | 1.757671192+009 |
| 46.26 | 1.667451251+009 | 46.76 | 1.759552842+009 |
| 46.27 | 1.669254665+009 | 46.77 | 1.761435002+009 |
| 46.28 | 1.671059639+009 | 46.78 | 1.763319173+009 |
| 46.29 | 1.672866175+009 | 46.79 | 1.765205657+009 |
| 46.30 | 1.674674272+009 | 46.80 | 1.767093153+009 |
| 46.31 | 1.676483932+009 | 46.81 | 1.768982263+009 |
| 46.32 | 1.678295157+009 | 46.82 | 1.770872989+009 |
| 46.33 | 1.680107946+009 | 46.83 | 1.772765331+009 |
| 46.34 | 1.681922301+009 | 46.84 | 1.774659290+009 |
| 46.35 | 1.683738223+009 | 46.85 | 1.776554868+009 |
| 46.36 | 1.685555714+009 | 46.86 | 1.778452065+009 |
| 46.37 | 1.687374773+009 | 46.87 | 1.780350882+009 |
| 46.38 | 1.689195403+009 | 46.88 | 1.782251321+009 |
| 46.39 | 1.691017604+009 | 46.89 | 1.784153382+009 |
| 46.40 | 1.692841376+009 | 46.90 | 1.786057067+009 |
| 46.41 | 1.694666722+009 | 46.91 | 1.787962376+009 |
| 46.42 | 1.696493642+009 | 46.92 | 1.789869311+009 |
| 46.43 | 1.698322138+009 | 46.93 | 1.791777873+009 |
| 46.44 | 1.700152209+009 | 46.94 | 1.793688062+009 |
| 46.45 | 1.701983858+009 | 46.95 | 1.795599880+009 |
| 46.46 | 1.703817085+009 | 46.96 | 1.797513327+009 |
| 46.47 | 1.705651891+009 | 46.97 | 1.799428406+009 |
| 46.48 | 1.707486277+009 | 46.98 | 1.801345116+009 |
| 46.49 | 1.709326245+009 | 46.99 | 1.803263459+009 |
| 46.50 | 1.711165795+009 | 47.00 | 1.805183436+009 |

LEGENDRE FUNCTION

P (X)

5

|       |                 |       |                  |
|-------|-----------------|-------|------------------|
| 47.01 | 1.807104448+009 | 47.51 | 1.905293428+009  |
| 47.02 | 1.80895297+009  | 47.52 | 1.907292811+009  |
| 47.03 | 1.810801492+009 | 47.53 | 1.90930709+009   |
| 47.04 | 1.812650014+009 | 47.54 | 1.91133767+009   |
| 47.05 | 1.814498536+009 | 47.55 | 1.913382912+009  |
| 47.06 | 1.816347058+009 | 47.56 | 1.9154342279+009 |
| 47.07 | 1.818195571+009 | 47.57 | 1.917491228+009  |
| 47.08 | 1.820044093+009 | 47.58 | 1.919553673+009  |
| 47.09 | 1.821892615+009 | 47.59 | 1.921621913+009  |
| 47.10 | 1.823741137+009 | 47.60 | 1.923705185+009  |
| 47.11 | 1.825589659+009 | 47.61 | 1.925803488+009  |
| 47.12 | 1.827438181+009 | 47.62 | 1.927916824+009  |
| 47.13 | 1.829286703+009 | 47.63 | 1.929481860+009  |
| 47.14 | 1.831135225+009 | 47.64 | 1.93150898+009   |
| 47.15 | 1.832983747+009 | 47.65 | 1.933537039+009  |
| 47.16 | 1.834832269+009 | 47.66 | 1.935566183+009  |
| 47.17 | 1.836680791+009 | 47.67 | 1.937595032+009  |
| 47.18 | 1.838529313+009 | 47.68 | 1.939623587+009  |
| 47.19 | 1.840377835+009 | 47.69 | 1.941667850+009  |
| 47.20 | 1.842226357+009 | 47.70 | 1.943704820+009  |
| 47.21 | 1.844074879+009 | 47.71 | 1.945743499+009  |
| 47.22 | 1.845923401+009 | 47.72 | 1.947783888+009  |
| 47.23 | 1.847771923+009 | 47.73 | 1.949825989+009  |
| 47.24 | 1.849620445+009 | 47.74 | 1.95186902+009   |
| 47.25 | 1.851468967+009 | 47.75 | 1.953915329+009  |
| 47.26 | 1.853317489+009 | 47.76 | 1.955962570+009  |
| 47.27 | 1.855166011+009 | 47.77 | 1.958011326+009  |
| 47.28 | 1.857014533+009 | 47.78 | 1.960062199+009  |
| 47.29 | 1.858863055+009 | 47.79 | 1.962114590+009  |
| 47.30 | 1.860711577+009 | 47.80 | 1.964168700+009  |
| 47.31 | 1.862560099+009 | 47.81 | 1.966224330+009  |
| 47.32 | 1.864408621+009 | 47.82 | 1.968282080+009  |
| 47.33 | 1.866257143+009 | 47.83 | 1.970341353+009  |
| 47.34 | 1.868105665+009 | 47.84 | 1.972402349+009  |
| 47.35 | 1.869954187+009 | 47.85 | 1.974465069+009  |
| 47.36 | 1.871802709+009 | 47.86 | 1.976529514+009  |
| 47.37 | 1.873651231+009 | 47.87 | 1.978595866+009  |
| 47.38 | 1.875500753+009 | 47.88 | 1.980663385+009  |
| 47.39 | 1.877349275+009 | 47.89 | 1.98273213+009   |
| 47.40 | 1.879197797+009 | 47.90 | 1.984804570+009  |
| 47.41 | 1.881046319+009 | 47.91 | 1.986877658+009  |
| 47.42 | 1.882894841+009 | 47.92 | 1.988952478+009  |
| 47.43 | 1.884743363+009 | 47.93 | 1.991029031+009  |
| 47.44 | 1.886591885+009 | 47.94 | 1.993107317+009  |
| 47.45 | 1.888440407+009 | 47.95 | 1.995187339+009  |
| 47.46 | 1.890288929+009 | 47.96 | 1.997269097+009  |
| 47.47 | 1.892137451+009 | 47.97 | 1.999352592+009  |
| 47.48 | 1.893985973+009 | 47.98 | 2.001437825+009  |
| 47.49 | 1.895834495+009 | 47.99 | 2.003524198+009  |
| 47.50 | 1.897683017+009 | 48.00 | 2.005613511+009  |



LEGENDRE FUNCTION

P (X)  
5

LEGENDRE FUNCTION

P (X)  
5

|       |                 |
|-------|-----------------|
| 48.01 | 2.007703966+009 |
| 48.02 | 2.019796164+009 |
| 48.03 | 2.011699105+009 |
| 48.04 | 2.013985791+009 |
| 48.05 | 2.016083223+009 |
| 48.06 | 2.018182402+009 |
| 48.07 | 2.020283329+009 |
| 48.08 | 2.022386005+009 |
| 48.09 | 2.024490432+009 |
| 48.10 | 2.026596610+009 |
| 48.11 | 2.028704540+009 |
| 48.12 | 2.030814225+009 |
| 48.13 | 2.032925663+009 |
| 48.14 | 2.035038858+009 |
| 48.15 | 2.037153809+009 |
| 48.16 | 2.039270518+009 |
| 48.17 | 2.041388987+009 |
| 48.18 | 2.043509215+009 |
| 48.19 | 2.045631205+009 |
| 48.20 | 2.047754957+009 |
| 48.21 | 2.049886473+009 |
| 48.22 | 2.052007753+009 |
| 48.23 | 2.054136798+009 |
| 48.24 | 2.056267611+009 |
| 48.25 | 2.058401191+009 |
| 48.26 | 2.060534540+009 |
| 48.27 | 2.062671659+009 |
| 48.28 | 2.064808550+009 |
| 48.29 | 2.066948212+009 |
| 48.30 | 2.069089648+009 |
| 48.31 | 2.071232858+009 |
| 48.32 | 2.073377844+009 |
| 48.33 | 2.075524607+009 |
| 48.34 | 2.077673147+009 |
| 48.35 | 2.079823466+009 |
| 48.36 | 2.081975565+009 |
| 48.37 | 2.084129445+009 |
| 48.38 | 2.086285107+009 |
| 48.39 | 2.088442553+009 |
| 48.40 | 2.090601783+009 |
| 48.41 | 2.092762198+009 |
| 48.42 | 2.094925800+009 |
| 48.43 | 2.097096190+009 |
| 48.44 | 2.099275658+009 |
| 48.45 | 2.101464736+009 |
| 48.46 | 2.103664696+009 |
| 48.47 | 2.105876447+009 |
| 48.48 | 2.108093992+009 |
| 48.49 | 2.110315331+009 |
| 48.50 | 2.112542466+009 |

|       |                 |
|-------|-----------------|
| 48.51 | 2.114471397+009 |
| 48.52 | 2.116652126+009 |
| 48.53 | 2.118834653+009 |
| 48.54 | 2.121018981+009 |
| 48.55 | 2.123205109+009 |
| 48.56 | 2.125393040+009 |
| 48.57 | 2.127582174+009 |
| 48.58 | 2.129774312+009 |
| 48.59 | 2.131967656+009 |
| 48.60 | 2.134162806+009 |
| 48.61 | 2.136359164+009 |
| 48.62 | 2.138558531+009 |
| 48.63 | 2.140759108+009 |
| 48.64 | 2.142961496+009 |
| 48.65 | 2.145165696+009 |
| 48.66 | 2.147371709+009 |
| 48.67 | 2.149579537+009 |
| 48.68 | 2.151789180+009 |
| 48.69 | 2.154000640+009 |
| 48.70 | 2.156213918+009 |
| 48.71 | 2.158429014+009 |
| 48.72 | 2.160645931+009 |
| 48.73 | 2.162864669+009 |
| 48.74 | 2.165085229+009 |
| 48.75 | 2.167307612+009 |
| 48.76 | 2.169531820+009 |
| 48.77 | 2.171757853+009 |
| 48.78 | 2.173985133+009 |
| 48.79 | 2.176215402+009 |
| 48.80 | 2.178446919+009 |
| 48.81 | 2.180680266+009 |
| 48.82 | 2.182915444+009 |
| 48.83 | 2.185152455+009 |
| 48.84 | 2.187391299+009 |
| 48.85 | 2.189631978+009 |
| 48.86 | 2.191874493+009 |
| 48.87 | 2.194118845+009 |
| 48.88 | 2.196365034+009 |
| 48.89 | 2.198613063+009 |
| 48.90 | 2.200862932+009 |
| 48.91 | 2.203114642+009 |
| 48.92 | 2.205368195+009 |
| 48.93 | 2.207623591+009 |
| 48.94 | 2.209880833+009 |
| 48.95 | 2.212139920+009 |
| 48.96 | 2.214400854+009 |
| 48.97 | 2.216663637+009 |
| 48.98 | 2.218928269+009 |
| 48.99 | 2.221194151+009 |
| 49.00 | 2.223463085+009 |

|       |                  |
|-------|------------------|
| 49.01 | 2.225733271+009  |
| 49.02 | 2.228005311+009  |
| 49.03 | 2.230279207+009  |
| 49.04 | 2.232554958+009  |
| 49.05 | 2.234832567+009  |
| 49.06 | 2.237112034+009  |
| 49.07 | 2.239393361+009  |
| 49.08 | 2.241676548+009  |
| 49.09 | 2.243961597+009  |
| 49.10 | 2.246248509+009  |
| 49.11 | 2.248537285+009  |
| 49.12 | 2.250827927+009  |
| 49.13 | 2.253120434+009  |
| 49.14 | 2.255414810+009  |
| 49.15 | 2.257711053+009  |
| 49.16 | 2.260009167+009  |
| 49.17 | 2.262309152+009  |
| 49.18 | 2.264611008+009  |
| 49.19 | 2.266914738+009  |
| 49.20 | 2.269220342+009  |
| 49.21 | 2.271527822+009  |
| 49.22 | 2.273847178+009  |
| 49.23 | 2.276168412+009  |
| 49.24 | 2.278491526+009  |
| 49.25 | 2.2808176519+009 |
| 49.26 | 2.283145393+009  |
| 49.27 | 2.285474715+009  |
| 49.28 | 2.287804729+009  |
| 49.29 | 2.290135315+009  |
| 49.30 | 2.292467275+009  |
| 49.31 | 2.294800223+009  |
| 49.32 | 2.297134269+009  |
| 49.33 | 2.299469284+009  |
| 49.34 | 2.301805249+009  |
| 49.35 | 2.304142106+009  |
| 49.36 | 2.306479966+009  |
| 49.37 | 2.308817849+009  |
| 49.38 | 2.311156733+009  |
| 49.39 | 2.313494673+009  |
| 49.40 | 2.315832605+009  |
| 49.41 | 2.318170535+009  |
| 49.42 | 2.320508465+009  |
| 49.43 | 2.322846395+009  |
| 49.44 | 2.325184329+009  |
| 49.45 | 2.327522264+009  |
| 49.46 | 2.329860195+009  |
| 49.47 | 2.332198135+009  |
| 49.48 | 2.334536065+009  |
| 49.49 | 2.336874002+009  |
| 49.50 | 2.339211936+009  |

|       |                 |
|-------|-----------------|
| 49.51 | 2.341630009+009 |
| 49.52 | 2.343996199+009 |
| 49.53 | 2.346364301+009 |
| 49.54 | 2.348734316+009 |
| 49.55 | 2.351106247+009 |
| 49.56 | 2.353480093+009 |
| 49.57 | 2.355855856+009 |
| 49.58 | 2.358233537+009 |
| 49.59 | 2.360613137+009 |
| 49.60 | 2.362994658+009 |
| 49.61 | 2.365378101+009 |
| 49.62 | 2.367763466+009 |
| 49.63 | 2.370150755+009 |
| 49.64 | 2.372539969+009 |
| 49.65 | 2.374931110+009 |
| 49.66 | 2.377324178+009 |
| 49.67 | 2.379719175+009 |
| 49.68 | 2.382116101+009 |
| 49.69 | 2.384514958+009 |
| 49.70 | 2.386915748+009 |
| 49.71 | 2.389318471+009 |
| 49.72 | 2.391723128+009 |
| 49.73 | 2.394129720+009 |
| 49.74 | 2.396538250+009 |
| 49.75 | 2.39894817+009  |
| 49.76 | 2.401358124+009 |
| 49.77 | 2.403769541+009 |
| 49.78 | 2.406171759+009 |
| 49.79 | 2.408580990+009 |
| 49.80 | 2.411030164+009 |
| 49.81 | 2.413485284+009 |
| 49.82 | 2.415936350+009 |
| 49.83 | 2.418392363+009 |
| 49.84 | 2.420844324+009 |
| 49.85 | 2.423294235+009 |
| 49.86 | 2.425746097+009 |
| 49.87 | 2.428198911+009 |
| 49.88 | 2.430652778+009 |
| 49.89 | 2.433108600+009 |
| 49.90 | 2.435564477+009 |
| 49.91 | 2.437921411+009 |
| 49.92 | 2.440379322+009 |
| 49.93 | 2.442838233+009 |
| 49.94 | 2.445298164+009 |
| 49.95 | 2.447758036+009 |
| 49.96 | 2.450217947+009 |
| 49.97 | 2.452677809+009 |
| 49.98 | 2.455137660+009 |
| 49.99 | 2.457597533+009 |
| 50.00 | 2.459957406+009 |

LEGENDRE FUNCTION

P (X)  
5

|       |                  |
|-------|------------------|
| 50.01 | 2.462304925+009  |
| 50.02 | 2.464768161+009  |
| 50.03 | 2.467233367+009  |
| 50.04 | 2.469700545+009  |
| 50.05 | 2.472169696+009  |
| 50.06 | 2.474640822+009  |
| 50.07 | 2.477113923+009  |
| 50.08 | 2.479589001+009  |
| 50.09 | 2.482066057+009  |
| 50.10 | 2.484545092+009  |
| 50.11 | 2.487026107+009  |
| 50.12 | 2.489509104+009  |
| 50.13 | 2.491994084+009  |
| 50.14 | 2.494481048+009  |
| 50.15 | 2.496969996+009  |
| 50.16 | 2.499460931+009  |
| 50.17 | 2.501953853+009  |
| 50.18 | 2.504448764+009  |
| 50.19 | 2.506945665+009  |
| 50.20 | 2.509444557+009  |
| 50.21 | 2.511945441+009  |
| 50.22 | 2.514448318+009  |
| 50.23 | 2.516953190+009  |
| 50.24 | 2.519460058+009  |
| 50.25 | 2.521968923+009  |
| 50.26 | 2.524479786+009  |
| 50.27 | 2.526992648+009  |
| 50.28 | 2.529507511+009  |
| 50.29 | 2.532024375+009  |
| 50.30 | 2.534543243+009  |
| 50.31 | 2.537064114+009  |
| 50.32 | 2.539585991+009  |
| 50.33 | 2.542111875+009  |
| 50.34 | 2.544638766+009  |
| 50.35 | 2.547167666+009  |
| 50.36 | 2.549698576+009  |
| 50.37 | 2.552231498+009  |
| 50.38 | 2.554766432+009  |
| 50.39 | 2.557303380+009  |
| 50.40 | 2.559842342+009  |
| 50.41 | 2.562383321+009  |
| 50.42 | 2.5649226317+009 |
| 50.43 | 2.567471332+009  |
| 50.44 | 2.570018366+009  |
| 50.45 | 2.572567422+009  |
| 50.46 | 2.575118499+009  |
| 50.47 | 2.577671600+009  |
| 50.48 | 2.580226725+009  |
| 50.49 | 2.582783876+009  |
| 50.50 | 2.585343054+009  |

|       |                 |
|-------|-----------------|
| 50.51 | 2.587904260+009 |
| 50.52 | 2.590467495+009 |
| 50.53 | 2.593032761+009 |
| 50.54 | 2.595600059+009 |
| 50.55 | 2.598169390+009 |
| 50.56 | 2.600740755+009 |
| 50.57 | 2.603314155+009 |
| 50.58 | 2.605889592+009 |
| 50.59 | 2.608467066+009 |
| 50.60 | 2.611046580+009 |
| 50.61 | 2.613628134+009 |
| 50.62 | 2.616211729+009 |
| 50.63 | 2.618797367+009 |
| 50.64 | 2.621385049+009 |
| 50.65 | 2.623974776+009 |
| 50.66 | 2.626566549+009 |
| 50.67 | 2.629160369+009 |
| 50.68 | 2.631756238+009 |
| 50.69 | 2.634354157+009 |
| 50.70 | 2.636954128+009 |
| 50.71 | 2.639556150+009 |
| 50.72 | 2.642160226+009 |
| 50.73 | 2.644766357+009 |
| 50.74 | 2.647374544+009 |
| 50.75 | 2.649984788+009 |
| 50.76 | 2.652597091+009 |
| 50.77 | 2.655211453+009 |
| 50.78 | 2.657827876+009 |
| 50.79 | 2.660446361+009 |
| 50.80 | 2.663066909+009 |
| 50.81 | 2.665689522+009 |
| 50.82 | 2.668314200+009 |
| 50.83 | 2.670940946+009 |
| 50.84 | 2.673569760+009 |
| 50.85 | 2.676200643+009 |
| 50.86 | 2.678833596+009 |
| 50.87 | 2.681468622+009 |
| 50.88 | 2.684105720+009 |
| 50.89 | 2.686744893+009 |
| 50.90 | 2.689386141+009 |
| 50.91 | 2.692029467+009 |
| 50.92 | 2.694674869+009 |
| 50.93 | 2.697322352+009 |
| 50.94 | 2.699971914+009 |
| 50.95 | 2.702623558+009 |
| 50.96 | 2.705277285+009 |
| 50.97 | 2.707933096+009 |
| 50.98 | 2.710590993+009 |
| 50.99 | 2.713250975+009 |
| 51.00 | 2.715913046+009 |

LEGENDRE FUNCTION

P (X)  
5

|       |                 |
|-------|-----------------|
| 51.01 | 2.718577206+009 |
| 51.02 | 2.721243456+009 |
| 51.03 | 2.723911797+009 |
| 51.04 | 2.726582231+009 |
| 51.05 | 2.729254759+009 |
| 51.06 | 2.731929382+009 |
| 51.07 | 2.734606101+009 |
| 51.08 | 2.737284918+009 |
| 51.09 | 2.739965834+009 |
| 51.10 | 2.742648850+009 |
| 51.11 | 2.745333967+009 |
| 51.12 | 2.748021187+009 |
| 51.13 | 2.750710510+009 |
| 51.14 | 2.753401938+009 |
| 51.15 | 2.756095473+009 |
| 51.16 | 2.758791115+009 |
| 51.17 | 2.761488866+009 |
| 51.18 | 2.764188727+009 |
| 51.19 | 2.766890699+009 |
| 51.20 | 2.769594784+009 |
| 51.21 | 2.772300982+009 |
| 51.22 | 2.775009295+009 |
| 51.23 | 2.777719724+009 |
| 51.24 | 2.780432270+009 |
| 51.25 | 2.783146936+009 |
| 51.26 | 2.785863721+009 |
| 51.27 | 2.788582627+009 |
| 51.28 | 2.791303655+009 |
| 51.29 | 2.794026807+009 |
| 51.30 | 2.796752084+009 |
| 51.31 | 2.799479487+009 |
| 51.32 | 2.802209017+009 |
| 51.33 | 2.804940676+009 |
| 51.34 | 2.807674464+009 |
| 51.35 | 2.810410384+009 |
| 51.36 | 2.813148436+009 |
| 51.37 | 2.815888621+009 |
| 51.38 | 2.818630942+009 |
| 51.39 | 2.821375398+009 |
| 51.40 | 2.824121992+009 |
| 51.41 | 2.826870724+009 |
| 51.42 | 2.829621596+009 |
| 51.43 | 2.832374608+009 |
| 51.44 | 2.835129764+009 |
| 51.45 | 2.837887062+009 |
| 51.46 | 2.840646506+009 |
| 51.47 | 2.843408950+009 |
| 51.48 | 2.846171832+009 |
| 51.49 | 2.848937717+009 |
| 51.50 | 2.851705752+009 |

|       |                 |
|-------|-----------------|
| 51.51 | 2.854475939+009 |
| 51.52 | 2.857248277+009 |
| 51.53 | 2.860022769+009 |
| 51.54 | 2.862799416+009 |
| 51.55 | 2.865578219+009 |
| 51.56 | 2.868359179+009 |
| 51.57 | 2.871142298+009 |
| 51.58 | 2.873927576+009 |
| 51.59 | 2.876715016+009 |
| 51.60 | 2.879504618+009 |
| 51.61 | 2.882296383+009 |
| 51.62 | 2.885090313+009 |
| 51.63 | 2.887886410+009 |
| 51.64 | 2.890684674+009 |
| 51.65 | 2.893485106+009 |
| 51.66 | 2.896287708+009 |
| 51.67 | 2.899092482+009 |
| 51.68 | 2.901899428+009 |
| 51.69 | 2.904708547+009 |
| 51.70 | 2.907519842+009 |
| 51.71 | 2.910333313+009 |
| 51.72 | 2.913148961+009 |
| 51.73 | 2.915966788+009 |
| 51.74 | 2.918786794+009 |
| 51.75 | 2.921608983+009 |
| 51.76 | 2.924433353+009 |
| 51.77 | 2.927259908+009 |
| 51.78 | 2.930088647+009 |
| 51.79 | 2.932919573+009 |
| 51.80 | 2.935752686+009 |
| 51.81 | 2.938587989+009 |
| 51.82 | 2.941425481+009 |
| 51.83 | 2.944265165+009 |
| 51.84 | 2.947107041+009 |
| 51.85 | 2.949951111+009 |
| 51.86 | 2.952797377+009 |
| 51.87 | 2.955645639+009 |
| 51.88 | 2.958496499+009 |
| 51.89 | 2.961349357+009 |
| 51.90 | 2.964204416+009 |
| 51.91 | 2.967061677+009 |
| 51.92 | 2.969921140+009 |
| 51.93 | 2.972782808+009 |
| 51.94 | 2.975646680+009 |
| 51.95 | 2.978512760+009 |
| 51.96 | 2.981381047+009 |
| 51.97 | 2.984251544+009 |
| 51.98 | 2.987124251+009 |
| 51.99 | 2.989999170+009 |
| 52.00 | 2.992876502+009 |

LEGENDRE FUNCTION

P (X)  
5

|       |                 |
|-------|-----------------|
| 52.01 | 2.995755648+009 |
| 52.02 | 2.998637209+009 |
| 52.03 | 3.001520988+009 |
| 52.04 | 3.004406985+009 |
| 52.05 | 3.007295201+009 |
| 52.06 | 3.010185638+009 |
| 52.07 | 3.013078297+009 |
| 52.08 | 3.015973179+009 |
| 52.09 | 3.018870285+009 |
| 52.10 | 3.021769618+009 |
| 52.11 | 3.024671177+009 |
| 52.12 | 3.027574965+009 |
| 52.13 | 3.030480983+009 |
| 52.14 | 3.033389231+009 |
| 52.15 | 3.036299712+009 |
| 52.16 | 3.039212426+009 |
| 52.17 | 3.042127375+009 |
| 52.18 | 3.045044561+009 |
| 52.19 | 3.047963983+009 |
| 52.20 | 3.050835645+009 |
| 52.21 | 3.053809546+009 |
| 52.22 | 3.056735688+009 |
| 52.23 | 3.059664073+009 |
| 52.24 | 3.062594702+009 |
| 52.25 | 3.065527576+009 |
| 52.26 | 3.068462696+009 |
| 52.27 | 3.071400064+009 |
| 52.28 | 3.074339681+009 |
| 52.29 | 3.077281548+009 |
| 52.30 | 3.080225667+009 |
| 52.31 | 3.083172039+009 |
| 52.32 | 3.086120664+009 |
| 52.33 | 3.089071546+009 |
| 52.34 | 3.092024684+009 |
| 52.35 | 3.094980080+009 |
| 52.36 | 3.097937735+009 |
| 52.37 | 3.100897651+009 |
| 52.38 | 3.103859829+009 |
| 52.39 | 3.106824270+009 |
| 52.40 | 3.109796975+009 |
| 52.41 | 3.112759946+009 |
| 52.42 | 3.115731185+009 |
| 52.43 | 3.118704692+009 |
| 52.44 | 3.121680468+009 |
| 52.45 | 3.124658516+009 |
| 52.46 | 3.127638836+009 |
| 52.47 | 3.130621429+009 |
| 52.48 | 3.133606297+009 |
| 52.49 | 3.136593442+009 |
| 52.50 | 3.139582864+009 |

|       |                 |
|-------|-----------------|
| 52.51 | 3.142574565+009 |
| 52.52 | 3.145568546+009 |
| 52.53 | 3.148564808+009 |
| 52.54 | 3.151563353+009 |
| 52.55 | 3.154564182+009 |
| 52.56 | 3.157567296+009 |
| 52.57 | 3.160572697+009 |
| 52.58 | 3.163580386+009 |
| 52.59 | 3.166590364+009 |
| 52.60 | 3.169602633+009 |
| 52.61 | 3.172617193+009 |
| 52.62 | 3.175634047+009 |
| 52.63 | 3.178653195+009 |
| 52.64 | 3.181674639+009 |
| 52.65 | 3.184698379+009 |
| 52.66 | 3.187724419+009 |
| 52.67 | 3.190752758+009 |
| 52.68 | 3.193783398+009 |
| 52.69 | 3.196816340+009 |
| 52.70 | 3.199851586+009 |
| 52.71 | 3.202889137+009 |
| 52.72 | 3.205928995+009 |
| 52.73 | 3.208971159+009 |
| 52.74 | 3.212015633+009 |
| 52.75 | 3.215062417+009 |
| 52.76 | 3.218111512+009 |
| 52.77 | 3.221162920+009 |
| 52.78 | 3.224216643+009 |
| 52.79 | 3.227272680+009 |
| 52.80 | 3.230331035+009 |
| 52.81 | 3.233391708+009 |
| 52.82 | 3.236454700+009 |
| 52.83 | 3.239520012+009 |
| 52.84 | 3.242587647+009 |
| 52.85 | 3.245657605+009 |
| 52.86 | 3.248729888+009 |
| 52.87 | 3.251804497+009 |
| 52.88 | 3.254881433+009 |
| 52.89 | 3.257960698+009 |
| 52.90 | 3.261042293+009 |
| 52.91 | 3.264126219+009 |
| 52.92 | 3.267212478+009 |
| 52.93 | 3.270301070+009 |
| 52.94 | 3.273391998+009 |
| 52.95 | 3.276485263+009 |
| 52.96 | 3.279580865+009 |
| 52.97 | 3.282678807+009 |
| 52.98 | 3.285779089+009 |
| 52.99 | 3.288881713+009 |
| 53.00 | 3.291986680+009 |

LEGENDRE FUNCTION

P (X)  
5

|       |                 |
|-------|-----------------|
| 53.01 | 3.295193992+009 |
| 53.02 | 3.298203650+009 |
| 53.03 | 3.301315654+009 |
| 53.04 | 3.304430008+009 |
| 53.05 | 3.307546711+009 |
| 53.06 | 3.310665765+009 |
| 53.07 | 3.313787172+009 |
| 53.08 | 3.316910933+009 |
| 53.09 | 3.320037049+009 |
| 53.10 | 3.323165521+009 |
| 53.11 | 3.326296351+009 |
| 53.12 | 3.329429541+009 |
| 53.13 | 3.332565091+009 |
| 53.14 | 3.335703002+009 |
| 53.15 | 3.338843277+009 |
| 53.16 | 3.341985917+009 |
| 53.17 | 3.345130922+009 |
| 53.18 | 3.348278294+009 |
| 53.19 | 3.351428035+009 |
| 53.20 | 3.354580146+009 |
| 53.21 | 3.357734628+009 |
| 53.22 | 3.360891482+009 |
| 53.23 | 3.364050710+009 |
| 53.24 | 3.367212314+009 |
| 53.25 | 3.370376294+009 |
| 53.26 | 3.373542652+009 |
| 53.27 | 3.376711389+009 |
| 53.28 | 3.379882506+009 |
| 53.29 | 3.383056006+009 |
| 53.30 | 3.386231889+009 |
| 53.31 | 3.389410156+009 |
| 53.32 | 3.392590809+009 |
| 53.33 | 3.395773850+009 |
| 53.34 | 3.398959279+009 |
| 53.35 | 3.402147098+009 |
| 53.36 | 3.405337308+009 |
| 53.37 | 3.408529911+009 |
| 53.38 | 3.411724908+009 |
| 53.39 | 3.414923000+009 |
| 53.40 | 3.418122089+009 |
| 53.41 | 3.421324276+009 |
| 53.42 | 3.424528863+009 |
| 53.43 | 3.427735850+009 |
| 53.44 | 3.430945239+009 |
| 53.45 | 3.434157032+009 |
| 53.46 | 3.437371229+009 |
| 53.47 | 3.440587833+009 |
| 53.48 | 3.443806843+009 |
| 53.49 | 3.447028263+009 |
| 53.50 | 3.450252093+009 |

|       |                 |
|-------|-----------------|
| 53.51 | 3.453478335+009 |
| 53.52 | 3.456706989+009 |
| 53.53 | 3.459938058+009 |
| 53.54 | 3.463171542+009 |
| 53.55 | 3.466407443+009 |
| 53.56 | 3.469645762+009 |
| 53.57 | 3.472886501+009 |
| 53.58 | 3.476129661+009 |
| 53.59 | 3.479375243+009 |
| 53.60 | 3.482623249+009 |
| 53.61 | 3.485873681+009 |
| 53.62 | 3.489126538+009 |
| 53.63 | 3.492381823+009 |
| 53.64 | 3.495639538+009 |
| 53.65 | 3.498899683+009 |
| 53.66 | 3.502162260+009 |
| 53.67 | 3.505427270+009 |
| 53.68 | 3.508694715+009 |
| 53.69 | 3.511964596+009 |
| 53.70 | 3.515236914+009 |
| 53.71 | 3.518511670+009 |
| 53.72 | 3.521788867+009 |
| 53.73 | 3.525068505+009 |
| 53.74 | 3.528350585+009 |
| 53.75 | 3.531635110+009 |
| 53.76 | 3.534922081+009 |
| 53.77 | 3.538211498+009 |
| 53.78 | 3.541503364+009 |
| 53.79 | 3.544797679+009 |
| 53.80 | 3.548094445+009 |
| 53.81 | 3.551393663+009 |
| 53.82 | 3.554695335+009 |
| 53.83 | 3.557999462+009 |
| 53.84 | 3.561306046+009 |
| 53.85 | 3.564615087+009 |
| 53.86 | 3.567926588+009 |
| 53.87 | 3.571240549+009 |
| 53.88 | 3.574556972+009 |
| 53.89 | 3.577875858+009 |
| 53.90 | 3.581197209+009 |
| 53.91 | 3.584521025+009 |
| 53.92 | 3.587847310+009 |
| 53.93 | 3.591176063+009 |
| 53.94 | 3.594507286+009 |
| 53.95 | 3.597840981+009 |
| 53.96 | 3.601177148+009 |
| 53.97 | 3.604515790+009 |
| 53.98 | 3.607856908+009 |
| 53.99 | 3.611200502+009 |
| 54.00 | 3.614546575+009 |

LEGENDRE FUNCTION

P (X)

5

54.01 3.617895128+009  
 54.02 3.621246162+009  
 54.03 3.624599678+009  
 54.04 3.627955679+009  
 54.05 3.631314164+009  
 54.06 3.634675136+009  
 54.07 3.638038597+009  
 54.08 3.641404546+009  
 54.09 3.644772987+009  
 54.10 3.648143920+009  
 54.11 3.651517346+009  
 54.12 3.654893267+009  
 54.13 3.658271685+009  
 54.14 3.661652600+009  
 54.15 3.665036015+009  
 54.16 3.668421930+009  
 54.17 3.671810347+009  
 54.18 3.675201267+009  
 54.19 3.678594692+009  
 54.20 3.681990622+009  
 54.21 3.685389061+009  
 54.22 3.688790008+009  
 54.23 3.692193465+009  
 54.24 3.695599434+009  
 54.25 3.699007916+009  
 54.26 3.702418912+009  
 54.27 3.705832424+009  
 54.28 3.709248453+009  
 54.29 3.712667001+009  
 54.30 3.716088069+009  
 54.31 3.719511658+009  
 54.32 3.722937769+009  
 54.33 3.726366485+009  
 54.34 3.729797566+009  
 54.35 3.733231255+009  
 54.36 3.736667471+009  
 54.37 3.740106218+009  
 54.38 3.743547495+009  
 54.39 3.746991305+009  
 54.40 3.750437649+009  
 54.41 3.753886528+009  
 54.42 3.757337943+009  
 54.43 3.760791898+009  
 54.44 3.764248391+009  
 54.45 3.767707425+009  
 54.46 3.771169002+009  
 54.47 3.774633122+009  
 54.48 3.778099787+009  
 54.49 3.781568999+009  
 54.50 3.785040759+009

54.51 3.788515068+009  
 54.52 3.791991928+009  
 54.53 3.795471339+009  
 54.54 3.798953305+009  
 54.55 3.802437825+009  
 54.56 3.805924902+009  
 54.57 3.809414936+009  
 54.58 3.812906730+009  
 54.59 3.816401484+009  
 54.60 3.819898800+009  
 54.61 3.823398679+009  
 54.62 3.826901123+009  
 54.63 3.830406133+009  
 54.64 3.833913711+009  
 54.65 3.837423858+009  
 54.66 3.840936575+009  
 54.67 3.844451864+009  
 54.68 3.847969727+009  
 54.69 3.851490164+009  
 54.70 3.855013177+009  
 54.71 3.858538768+009  
 54.72 3.862066937+009  
 54.73 3.865597686+009  
 54.74 3.869131018+009  
 54.75 3.872666933+009  
 54.76 3.876205432+009  
 54.77 3.879746517+009  
 54.78 3.883290189+009  
 54.79 3.886836450+009  
 54.80 3.890385302+009  
 54.81 3.893936745+009  
 54.82 3.897490781+009  
 54.83 3.901047412+009  
 54.84 3.904606639+009  
 54.85 3.908168462+009  
 54.86 3.911732885+009  
 54.87 3.915299908+009  
 54.88 3.918869532+009  
 54.89 3.922441759+009  
 54.90 3.926016591+009  
 54.91 3.929594029+009  
 54.92 3.933174074+009  
 54.93 3.936756727+009  
 54.94 3.940341991+009  
 54.95 3.943929866+009  
 54.96 3.947520354+009  
 54.97 3.951113457+009  
 54.98 3.954709175+009  
 54.99 3.958307511+009  
 55.00 3.961908466+009

LEGENDRE FUNCTION

P (X)

5

55.01 3.965512040+009  
 55.02 3.969118236+009  
 55.03 3.972727055+009  
 55.04 3.976338499+009  
 55.05 3.979952568+009  
 55.06 3.983569265+009  
 55.07 3.987188590+009  
 55.08 3.990810546+009  
 55.09 3.994435132+009  
 55.10 3.998062352+009  
 55.11 4.001692207+009  
 55.12 4.005324697+009  
 55.13 4.008959825+009  
 55.14 4.012597591+009  
 55.15 4.016237998+009  
 55.16 4.019881046+009  
 55.17 4.023526737+009  
 55.18 4.027175073+009  
 55.19 4.030826054+009  
 55.20 4.034479683+009  
 55.21 4.038135961+009  
 55.22 4.041794889+009  
 55.23 4.045456469+009  
 55.24 4.049120701+009  
 55.25 4.052787589+009  
 55.26 4.056457132+009  
 55.27 4.060129333+009  
 55.28 4.063804193+009  
 55.29 4.067481713+009  
 55.30 4.071161895+009  
 55.31 4.074844740+009  
 55.32 4.078530250+009  
 55.33 4.082218426+009  
 55.34 4.085909269+009  
 55.35 4.089602782+009  
 55.36 4.093298965+009  
 55.37 4.096997820+009  
 55.38 4.100699348+009  
 55.39 4.104403551+009  
 55.40 4.108110430+009  
 55.41 4.111819987+009  
 55.42 4.115532223+009  
 55.43 4.119247140+009  
 55.44 4.122964739+009  
 55.45 4.126685021+009  
 55.46 4.130407988+009  
 55.47 4.134133642+009  
 55.48 4.137861984+009  
 55.49 4.141593015+009  
 55.50 4.145326736+009

55.51 4.149063150+009  
 55.52 4.152802258+009  
 55.53 4.156544061+009  
 55.54 4.160288560+009  
 55.55 4.164035757+009  
 55.56 4.167785654+009  
 55.57 4.171538252+009  
 55.58 4.175293552+009  
 55.59 4.179051556+009  
 55.60 4.182812266+009  
 55.61 4.186575682+009  
 55.62 4.190341877+009  
 55.63 4.194110641+009  
 55.64 4.197882187+009  
 55.65 4.201656445+009  
 55.66 4.205433417+009  
 55.67 4.209213105+009  
 55.68 4.212995511+009  
 55.69 4.216780634+009  
 55.70 4.220568477+009  
 55.71 4.224359042+009  
 55.72 4.228152330+009  
 55.73 4.231948342+009  
 55.74 4.235747080+009  
 55.75 4.239548246+009  
 55.76 4.243352740+009  
 55.77 4.247159664+009  
 55.78 4.250969320+009  
 55.79 4.254781710+009  
 55.80 4.258596834+009  
 55.81 4.262414694+009  
 55.82 4.266235291+009  
 55.83 4.270058628+009  
 55.84 4.273884705+009  
 55.85 4.277713525+009  
 55.86 4.281545087+009  
 55.87 4.285379395+009  
 55.88 4.289216449+009  
 55.89 4.293056252+009  
 55.90 4.296898803+009  
 55.91 4.300744106+009  
 55.92 4.304592161+009  
 55.93 4.308442969+009  
 55.94 4.312296533+009  
 55.95 4.316152853+009  
 55.96 4.320011932+009  
 55.97 4.323873771+009  
 55.98 4.327738371+009  
 55.99 4.331605733+009  
 56.00 4.335475860+009

LEGENDRE FUNCTION

P (X)

5

|       |                 |
|-------|-----------------|
| 56.01 | 4.339348752+009 |
| 56.02 | 4.343224412+009 |
| 56.03 | 4.347102840+009 |
| 56.04 | 4.350984038+009 |
| 56.05 | 4.354868008+009 |
| 56.06 | 4.358754751+009 |
| 56.07 | 4.362644268+009 |
| 56.08 | 4.366536562+009 |
| 56.09 | 4.370431633+009 |
| 56.10 | 4.374329483+009 |
| 56.11 | 4.378230113+009 |
| 56.12 | 4.382133526+009 |
| 56.13 | 4.386039722+009 |
| 56.14 | 4.389948703+009 |
| 56.15 | 4.393860470+009 |
| 56.16 | 4.397775026+009 |
| 56.17 | 4.401692370+009 |
| 56.18 | 4.405612506+009 |
| 56.19 | 4.409535434+009 |
| 56.20 | 4.413461156+009 |
| 56.21 | 4.417389674+009 |
| 56.22 | 4.421320988+009 |
| 56.23 | 4.425255101+009 |
| 56.24 | 4.429192013+009 |
| 56.25 | 4.433131727+009 |
| 56.26 | 4.437074244+009 |
| 56.27 | 4.441019565+009 |
| 56.28 | 4.444967693+009 |
| 56.29 | 4.448918627+009 |
| 56.30 | 4.452872370+009 |
| 56.31 | 4.456828924+009 |
| 56.32 | 4.460788289+009 |
| 56.33 | 4.464750468+009 |
| 56.34 | 4.468715462+009 |
| 56.35 | 4.472683272+009 |
| 56.36 | 4.476653899+009 |
| 56.37 | 4.480627347+009 |
| 56.38 | 4.484603615+009 |
| 56.39 | 4.488582705+009 |
| 56.40 | 4.492564619+009 |
| 56.41 | 4.496549359+009 |
| 56.42 | 4.500536925+009 |
| 56.43 | 4.504527320+009 |
| 56.44 | 4.508520544+009 |
| 56.45 | 4.512516600+009 |
| 56.46 | 4.516515489+009 |
| 56.47 | 4.520517212+009 |
| 56.48 | 4.524521772+009 |
| 56.49 | 4.528529168+009 |
| 56.50 | 4.532539404+009 |

|       |                  |
|-------|------------------|
| 56.51 | 4.536552479+009  |
| 56.52 | 4.540568397+009  |
| 56.53 | 4.544587158+009  |
| 56.54 | 4.548608764+009  |
| 56.55 | 4.552633217+009  |
| 56.56 | 4.556660917+009  |
| 56.57 | 4.560690067+009  |
| 56.58 | 4.564723668+009  |
| 56.59 | 4.568759522+009  |
| 56.60 | 4.572798229+009  |
| 56.61 | 4.576839792+009  |
| 56.62 | 4.580884212+009  |
| 56.63 | 4.584931490+009  |
| 56.64 | 4.588981629+009  |
| 56.65 | 4.5930334629+009 |
| 56.66 | 4.597090492+009  |
| 56.67 | 4.601149220+009  |
| 56.68 | 4.605210814+009  |
| 56.69 | 4.609275276+009  |
| 56.70 | 4.613342606+009  |
| 56.71 | 4.617412808+009  |
| 56.72 | 4.621485882+009  |
| 56.73 | 4.625561829+009  |
| 56.74 | 4.629640652+009  |
| 56.75 | 4.633722351+009  |
| 56.76 | 4.637806929+009  |
| 56.77 | 4.641894386+009  |
| 56.78 | 4.645984725+009  |
| 56.79 | 4.650077947+009  |
| 56.80 | 4.654174053+009  |
| 56.81 | 4.658273045+009  |
| 56.82 | 4.662374924+009  |
| 56.83 | 4.666479692+009  |
| 56.84 | 4.670587351+009  |
| 56.85 | 4.674697901+009  |
| 56.86 | 4.678811346+009  |
| 56.87 | 4.682927685+009  |
| 56.88 | 4.687046921+009  |
| 56.89 | 4.691169055+009  |
| 56.90 | 4.695294088+009  |
| 56.91 | 4.699422023+009  |
| 56.92 | 4.703552861+009  |
| 56.93 | 4.707686602+009  |
| 56.94 | 4.711823250+009  |
| 56.95 | 4.715962805+009  |
| 56.96 | 4.720105268+009  |
| 56.97 | 4.724250642+009  |
| 56.98 | 4.728398928+009  |
| 56.99 | 4.732550127+009  |
| 57.00 | 4.736704242+009  |

LEGENDRE FUNCTION

P (X)

5

|       |                 |
|-------|-----------------|
| 57.01 | 4.740861272+009 |
| 57.02 | 4.745021221+009 |
| 57.03 | 4.749184089+009 |
| 57.04 | 4.753349879+009 |
| 57.05 | 4.757518591+009 |
| 57.06 | 4.761690227+009 |
| 57.07 | 4.765864789+009 |
| 57.08 | 4.770042278+009 |
| 57.09 | 4.774222696+009 |
| 57.10 | 4.778406044+009 |
| 57.11 | 4.782592324+009 |
| 57.12 | 4.786781538+009 |
| 57.13 | 4.790973686+009 |
| 57.14 | 4.795168771+009 |
| 57.15 | 4.799366794+009 |
| 57.16 | 4.803567757+009 |
| 57.17 | 4.807771661+009 |
| 57.18 | 4.811978507+009 |
| 57.19 | 4.816188297+009 |
| 57.20 | 4.820401034+009 |
| 57.21 | 4.824616718+009 |
| 57.22 | 4.828835350+009 |
| 57.23 | 4.833056933+009 |
| 57.24 | 4.837281468+009 |
| 57.25 | 4.841508956+009 |
| 57.26 | 4.845739399+009 |
| 57.27 | 4.849972799+009 |
| 57.28 | 4.854209157+009 |
| 57.29 | 4.858448475+009 |
| 57.30 | 4.862690754+009 |
| 57.31 | 4.866935996+009 |
| 57.32 | 4.871184202+009 |
| 57.33 | 4.875435374+009 |
| 57.34 | 4.879689514+009 |
| 57.35 | 4.883946622+009 |
| 57.36 | 4.888206701+009 |
| 57.37 | 4.892469752+009 |
| 57.38 | 4.896735777+009 |
| 57.39 | 4.901004777+009 |
| 57.40 | 4.905276753+009 |
| 57.41 | 4.909551709+009 |
| 57.42 | 4.913829644+009 |
| 57.43 | 4.918110560+009 |
| 57.44 | 4.922394459+009 |
| 57.45 | 4.926681343+009 |
| 57.46 | 4.930971213+009 |
| 57.47 | 4.935264071+009 |
| 57.48 | 4.939559918+009 |
| 57.49 | 4.943858756+009 |
| 57.50 | 4.948160586+009 |

|       |                 |
|-------|-----------------|
| 57.51 | 4.952465410+009 |
| 57.52 | 4.956773229+009 |
| 57.53 | 4.961084046+009 |
| 57.54 | 4.965397861+009 |
| 57.55 | 4.969714677+009 |
| 57.56 | 4.974034494+009 |
| 57.57 | 4.978357314+009 |
| 57.58 | 4.982683139+009 |
| 57.59 | 4.987011971+009 |
| 57.60 | 4.991343811+009 |
| 57.61 | 4.995678660+009 |
| 57.62 | 5.000016920+009 |
| 57.63 | 5.004357394+009 |
| 57.64 | 5.008701281+009 |
| 57.65 | 5.013048184+009 |
| 57.66 | 5.017398105+009 |
| 57.67 | 5.021751045+009 |
| 57.68 | 5.026107004+009 |
| 57.69 | 5.030465987+009 |
| 57.70 | 5.034827993+009 |
| 57.71 | 5.039193024+009 |
| 57.72 | 5.043561082+009 |
| 57.73 | 5.047932169+009 |
| 57.74 | 5.052306285+009 |
| 57.75 | 5.056683434+009 |
| 57.76 | 5.061063615+009 |
| 57.77 | 5.065446831+009 |
| 57.78 | 5.069833083+009 |
| 57.79 | 5.074222373+009 |
| 57.80 | 5.078614703+009 |
| 57.81 | 5.083010074+009 |
| 57.82 | 5.087408487+009 |
| 57.83 | 5.091809944+009 |
| 57.84 | 5.096214447+009 |
| 57.85 | 5.100621998+009 |
| 57.86 | 5.105032597+009 |
| 57.87 | 5.109446247+009 |
| 57.88 | 5.113862950+009 |
| 57.89 | 5.118282705+009 |
| 57.90 | 5.122705916+009 |
| 57.91 | 5.127131384+009 |
| 57.92 | 5.131560310+009 |
| 57.93 | 5.135992297+009 |
| 57.94 | 5.140427344+009 |
| 57.95 | 5.144865456+009 |
| 57.96 | 5.149306632+009 |
| 57.97 | 5.153750874+009 |
| 57.98 | 5.158198184+009 |
| 57.99 | 5.162648964+009 |
| 58.00 | 5.167102014+009 |