Complete Graphs – 1 round

6v0

$$e^{(0.\,-15.i)\gamma}\left(\cos^6(\beta)-\sin^6(\beta)\right)+e^{(0.\,-5.i)\gamma}\left(6i\sin(\beta)\cos^5(\beta)+6i\sin^5(\beta)\cos(\beta)\right)$$
$$-20ie^{(0.\,+3.i)\gamma}\sin^3(\beta)\cos^3(\beta)+e^{(0.\,+1.i)\gamma}\left(15\sin^4(\beta)\cos^2(\beta)-15\sin^2(\beta)\cos^4(\beta)\right)$$

p = 0.6290833362505667

6v1

$$e^{(0.\,-15.i)\gamma}\left(i\sin(\beta)\cos^5(\beta)+i\sin^5(\beta)\cos(\beta)\right)$$
$$+e^{(0.\,+1.i)\gamma}\left(5i\sin(\beta)\cos^5(\beta)-20i\sin^3(\beta)\cos^3(\beta)+5i\sin^5(\beta)\cos(\beta)\right)$$
$$+e^{(0.\,+3.i)\gamma}\left(10\sin^4(\beta)\cos^2(\beta)-10\sin^2(\beta)\cos^4(\beta)\right)$$
$$+e^{(0.\,-5.i)\gamma}\left(-\sin^6(\beta)+\cos^6(\beta)-5\sin^2(\beta)\cos^4(\beta)+5\sin^4(\beta)\cos^2(\beta)\right)$$

p = 0.6977792071058941

6v2

$$e^{(0.\,-5.i)\gamma}\left(2i\sin(\beta)\cos^5(\beta)-8i\sin^3(\beta)\cos^3(\beta)+2i\sin^5(\beta)\cos(\beta)\right)$$
$$+e^{(0.\,+3.i)\gamma}\left(4i\sin(\beta)\cos^5(\beta)-12i\sin^3(\beta)\cos^3(\beta)+4i\sin^5(\beta)\cos(\beta)\right)$$
$$+e^{(0.\,-15.i)\gamma}\left(\sin^4(\beta)\cos^2(\beta)-\sin^2(\beta)\cos^4(\beta)\right)$$
$$+e^{(0.\,+1.i)\gamma}\left(-\sin^6(\beta)+\cos^6(\beta)-14\sin^2(\beta)\cos^4(\beta)+14\sin^4(\beta)\cos^2(\beta)\right)$$

p = 0.9374999999999998

6v3

$$-2ie^{(0.\,-15.i)\gamma}\sin^3(\beta)\cos^3(\beta)+e^{(0.\,+1.i)\gamma}\left(6i\sin(\beta)\cos^5(\beta)-18i\sin^3(\beta)\cos^3(\beta)+6i\sin^5(\beta)\cos(\beta)\right)$$
$$+e^{(0.\,-5.i)\gamma}\left(6\sin^4(\beta)\cos^2(\beta)-6\sin^2(\beta)\cos^4(\beta)\right)$$
$$+e^{(0.\,+3.i)\gamma}\left(-\sin^6(\beta)+\cos^6(\beta)-9\sin^2(\beta)\cos^4(\beta)+9\sin^4(\beta)\cos^2(\beta)\right)$$

p = 0.7898554196671116