$$\left\{1 - 4\,z^2 - 61\,z^4 - 207\,z^6 - 296\,z^8 - 210\,z^{10} - 77\,z^{12} - 14\,z^{14} - z^{16}\,,\right.$$

$$1 + \left(38\,z^2 + 255\,z^4 + 1696\,z^6 + 16\,281\,z^8 + 86\,952\,z^{10} + 259\,994\,z^{12} + 487\,372\,z^{14} + 615\,066\,z^{16} + 543\,148\,z^{18} + 341\,714\,z^{20} + \right.$$
$$\left. 153\,722\,z^{22} + 48\,983\,z^{24} + 10\,776\,z^{26} + 1554\,z^{28} + 132\,z^{30} + 5\,z^{32}\right) \in +$$

$$\left(-8 - 484\,z^2 + 9709\,z^4 + 165\,952\,z^6 + 1\,590\,491\,z^8 + 16\,256\,508\,z^{10} + 115\,341\,797\,z^{12} + 432\,685\,748\,z^{14} + 395\,838\,354\,z^{16} - 4\,017\,557\,792\,z^{18} - 23\,300\,064\,167\,z^{20} - \right.$$
$$70\,082\,264\,972\,z^{22} - 142\,572\,271\,191\,z^{24} - 209\,475\,503\,700\,z^{26} - 221\,616\,295\,209\,z^{28} - 151\,502\,648\,428\,z^{30} - 23\,700\,199\,243\,z^{32} +$$
$$99\,462\,146\,328\,z^{34} + 164\,920\,463\,074\,z^{36} + 162\,550\,825\,432\,z^{38} + 119\,164\,552\,296\,z^{40} + 69\,153\,062\,608\,z^{42} + 32\,547\,596\,611\,z^{44} + 12\,541\,195\,448\,z^{46} +$$
$$\left.\left. 3\,961\,384\,155\,z^{48} + 1\,021\,219\,696\,z^{50} + 212\,773\,106\,z^{52} + 35\,264\,208\,z^{54} + 4\,537\,548\,z^{56} + 436\,600\,z^{58} + 29\,536\,z^{60} + 1252\,z^{62} + 25\,z^{64}\right) \in^2\right\}$$