

$$2C_0P^2 + C_1P^2 + C_2P^2 + C_3P^2 + C_4P^2 + C_5P^2 + C_6P^2 + C_7P^2 + C_8P^2 + C_9P^2 + C_{10}P^2 + C_{11}P^2 + C_{12}P^2 + C_{13}P^2 + C_{14}P^2 + C_{15}P^2 + C_{16}P^2 + C_{17}P^2 + C_{18}P^2 + C_{19}P^2 + C_{20}P^2 + C_{21}P^2 + C_{22}P^2 + C_{23}P^2 + C_{24}P^2 + C_{25}P^2 + C_{26}P^2 + C_{27}P^2 + C_{28}P^2 + C_{29}P^2 + C_{30}P^2 + C_{31}P^2 + C_{32}P^2 + C_{33}P^2 + C_{34}P^2 + C_{35}P^2 + C_{36}P^2 + C_{37}P^2 + C_{38}P^2 + C_{39}P^2 + C_{40}P^2 + C_{41}P^2 + C_{42}P^2 + C_{43}P^2 + C_{44}P^2 + C_{45}P^2 + C_{46}P^2 + C_{47}P^2 + C_{48}P^2 + C_{49}P^2 + C_{50}P^2 + C_{51}P^2 + C_{52}P^2 + C_{53}P^2 + C_{54}P^2 + C_{55}P^2 + C_{56}P^2 + C_{57}P^2 + C_{58}P^2 + C_{59}P^2 + C_{60}P^2 + C_{61}P^2 + C_{62}P^2 + C_{63}P^2 + C_{64}P^2 + C_{65}P^2 + C_{66}P^2 + C_{67}P^2 + C_{68}P^2 + C_{69}P^2 + C_{70}P^2 + C_{71}P^2 + C_{72}P^2 + C_{73}P^2 + C_{74}P^2 + C_{75}P^2 + C_{76}P^2 + C_{77}P^2 + C_{78}P^2 + C_{79}P^2 + C_{80}P^2 + C_{81}P^2 + C_{82}P^2 + C_{83}P^2 + C_{84}P^2 + C_{85}P^2 + C_{86}P^2 + C_{87}P^2 + C_{88}P^2 + C_{89}P^2 + C_{90}P^2 + C_{91}P^2 + C_{92}P^2 + C_{93}P^2 + C_{94}P^2 + C_{95}P^2 + C_{96}P^2 + C_{97}P^2 + C_{98}P^2 + C_{99}P^2 + C_{100}P^2$$