$$\Rightarrow \int_{-1}^{1} P_{n}^{7} dn = \frac{7}{3}$$

$$\Rightarrow c_n = \frac{\int_{-1}^{1} f P_n dx}{\int_{-1}^{1} P_n' dx} = \frac{1}{1} \frac{1}{1} \int_{-1}^{1} f P_n dx$$

(درسی کے در