• Sā se calculere diferența divizatā cu moduri duble  $\left[\chi_{0}^{(2)},\chi_{1}^{(2)},\ldots,\chi_{m}^{(2)}\right]$ 

## REZOLVARE

Dorm folosi rulația

$$\left[\chi_{o},\chi_{1},...,\chi_{m};\frac{1}{\alpha\chi+b}\right] = \frac{\left(-1\right)^{m}\alpha^{m}}{\prod\limits_{i=0}^{m}\left(\alpha\chi_{i}+b\right)}$$

$$\left[\chi_{o}^{(2)},\chi_{1}^{(2)},...,\chi_{m}^{(2)}\right]=\left[\chi_{o},\chi_{o},\chi_{1},\chi_{1},...,\chi_{m},\chi_{m}\right]=\left[\chi_{o},\chi_{o},\chi_{1},\chi_{1},...,\chi_{m},\chi_{m}\right]$$

$$= \left[\chi_{\circ}, \chi_{\circ} + \mathcal{E}, \chi_{1}, \chi_{1} + \mathcal{E}, ..., \chi_{m}, \chi_{m} + \mathcal{E}, \frac{1}{\chi + \Omega}\right]$$

$$= \frac{1+m^2 (1-1)^{2m+1}}{(x_0+3+m)(x_0+3+n)(x_0+3+n)}$$

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$$\left[\chi_{o}^{(2)},\chi_{1}^{(2)},...,\chi_{m}^{(2)};\frac{1}{\chi+\Omega}\right] = \frac{-1}{(\chi_{o}+\Omega)^{2}(\chi_{1}+\Omega)^{2}...(\chi_{m}+\Omega)^{2}}$$