

$$\frac{1}{39} AF_1 \frac{1}{4} = 0.10225641 \leftarrow 001221_4 = 105_{10}$$

$$\frac{(40^6) - 1}{39} = \underline{105} 025641$$

$$\frac{1}{399} AF_2 \frac{.01}{4} = .002506265664160401 \leftarrow 00002210_4 = 657_{10}$$

$$\frac{(400^9) - 1}{399} = \underline{657} 002506265664160401$$