1. Determinati min, max, inf, sup pentru:

$$A = \left\{ \left(-1\right)^{m+1} \cdot \left(\frac{1}{m} - 1\right) / m \in \mathbb{N}^* \right\}$$

Justificati räspunswik date.

2. Aratati ca sirul xm este fundamental

$$X_{m} = \sum_{k=2}^{m} \frac{\sin(k)}{k(k-1)}, \forall m \geq 2$$

3. Calculati derivata de ordinel ne a junctiei: