

Problema săptămânii 126

Dacă $a, b, c, d \in [0, 1]$, aflați valoarea maximă a expresiei

$$|(a - b)(a - c)(a - d)(b - c)(b - d)(c - d)|.$$

Problem of the week no. 126

Find the maximum value of the expression $|(a - b)(a - c)(a - d)(b - c)(b - d)(c - d)|$ when $a, b, c, d \in [0, 1]$.