

**Problema săptămânii 93**

Fie  $a, b, c > 0$ . Arătați că

$$\frac{a+3b}{b+c} + \frac{b+3c}{c+a} + \frac{c+3a}{a+b} \geq 6.$$

**Problem of the week no. 93**

Let  $a, b, c > 0$ . Prove that

$$\frac{a+3b}{b+c} + \frac{b+3c}{c+a} + \frac{c+3a}{a+b} \geq 6.$$