$\boxed{\text{E 3.3}}$ Show the relation

$$(L_h z, v) = \sum_{x_\xi}{}' \, \bar{a}(x_\xi) \, \frac{z(\xi) - z(x)}{h(\xi, x)} \, \frac{v(\xi) - v(x)}{h(\xi, x)} \, H'(x_\xi) +$$

$$+ \sum_{x \in \omega}{}' \, \bar{c}(x) \, z(x) \, v(x) \, H(x),$$

from which and from (27) we immediately see that L_h (and, therefore, the corresponding matrix A_h) is symmetric and positive definite!