(1) Lista de exercicios Algoritmos Numéricos

2.

A)
$$+(1+0.391601563) * 2^(1030 -1023) =$$

 $+1.391601563 * 2^7 = 50.125$

A)
$$r = p + q$$

$$r = 133 + 0.921 \rightarrow 133.921$$

$$r^* = 133,921$$

$$|r - r^*| = 133,921 + 133,921 = 0,000$$

$$|r - r^*| / |r| = 0$$

$$r = 133 - 0,499 = 132,501$$

$$P^* = 133$$

$$Q^* = 0,500$$

$$R^* = 133 - 0,500 = 132,500$$

$$|r - r^*| = |132,501 - 132,500| = 0,100$$

$$|r - r^*| / |r| = 0,000754711 = 0$$