Soluzione Versione n. 1

1. $x_{min} = 2^{-3}$

2. $l_{32} = -1$

3. $\alpha \neq 0 \quad$ e $\quad \beta \neq 0$

4. $p = 1$

5. per ogni $\ x^{(0)} \in \mathbb{R}$

6. $\phi_N(x) = x - \frac{1}{3} \tan 3x$

7. si, perchè $\phi \in C^1([0,2])$, $\phi(x) \in [0,2] \ \forall x \in [0,2]$ e $|\phi'(x)| < 1 \ \forall x \in [0,2]$

1. $\varphi_0(3) = 0{,}125$

2. $\Pi_3(6) = 4{,}821\,429$

3. $I_{PM} = 324$

4. $M \geq 287$

5. $E_+ f(\overline{x}) = -1{,}25$

6. $u_1 = 6{,}250\,25$

7. $u_1^{CN} = 6{,}666\,667$