2. Let f(x) = 2 |sin(Ax) - 6 | + 2 | Lx | 6 - R > 0 , L = R", A - R", b + R", x = R".

= = = {\(\in(Az)-b, \(\sin(Ax)-b\)\} + \{\Line(Lx, Lx\)\}

= = = {\(\lambda \lambda \rangle \ran

Let Re {1,..., ng. Thun

5th = \frac{1}{2} \frac{2}{1} \frac{2}{1}

 $= \sum_{j=1}^{m} \left\{ a_{j,j}(s_{j}) \left(\frac{2}{s_{j}} a_{j,j}(s_{j}) - b_{j} \right) \right\} + \sum_{j=1}^{m} \sum_{j \in [n]} \sum_{j \in [n]$

(Aingen Ama) O coste amini) (sale amini) back amini) - back (pin len lan lan)

= | A ding (cos (Ax)) (sin (Ax)-b) + pl l-x. | monday

Let pe [11-11], Tien

500 (14) = 500) = 1/4 [-110 (1/4 0/10) gp (500 (1/4 0/10) - b) + 6012 (1/4 0/10) gp]] + (1/2 1/4 0/10)

= 1 = (gray [1-2,10] (= grs) + by 511 (= grs)]] + p[T] = ATA (1 +2 staltx) (staltx)) + 6 staltx) + ptt.

(b)