Qu) HW3 solutions
(a) left to the students
(b) A = max = aij , and similarly for A ,
n x N-1 additions
\sim n^2
(c) see the code "HW3_Q1c.m"
(d) left to the students

(a) 11 ABII (11A11 11BII (See theorem 2.10) (b) || I| II = max || I \vec{v}|| = 1 regardless of the vector-induced (c) 11211=11AA-11 (11A1111A-11 => 1 (K(A) (d) 11211=1 in all induced norms (see (b)). Is it true for the Frobenius norm?





