HOMEWORK 8

Problem 1: Let A be an $n \times n$ matrix and consider the function
$$f(t) = \det(I + tA) \ .$$
Compute $f'(0)$.

Please also work problems 15, 19 and 30 in Section 4.3 of Strang. Then continue working problems 9, 10 and 31 in Section 4.4 of Strang.

Please turn it in for grading on Thursday March 12 .