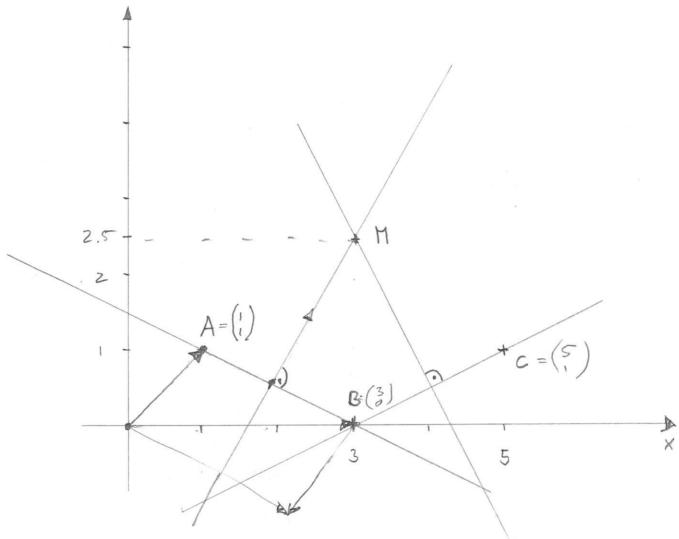
Comp 3320/6370

Exercise 1



$$\begin{cases} x \in \mathbb{R}^{2}, x = A + \frac{1}{2}(B - A) + t (B - A)^{\frac{1}{2}} \\ (1) + \frac{1}{2}(3 - 1) + t (2)^{\frac{1}{2}} \\ (2) + t (2) \\ (3) + t (2) \\ (4) + t (2) \\ (5) + t (2) \\ (6) + t (2) \\ (6) + t (2) \\ (6) + t (2) \\ (7) + t (2) \\ (8) + t (2) \\ (1) + t (2) \\ (1) + t (2) + t (2) \\ (2) + t (2) + t (2) \\ (3) + t (2) + t (2) \\ (4) + t (2) + t (2) \\ (5) + t (2) + t (2) \\ (6) + t (2) + t (2) + t (2) \\ (6) + t (2) + t (2) + t (2) + t (2) \\ (6) + t (2) \\ (6) + t (2) + t$$

$$\Rightarrow$$
 $M = \begin{pmatrix} 3 \\ 2.5 \end{pmatrix}$