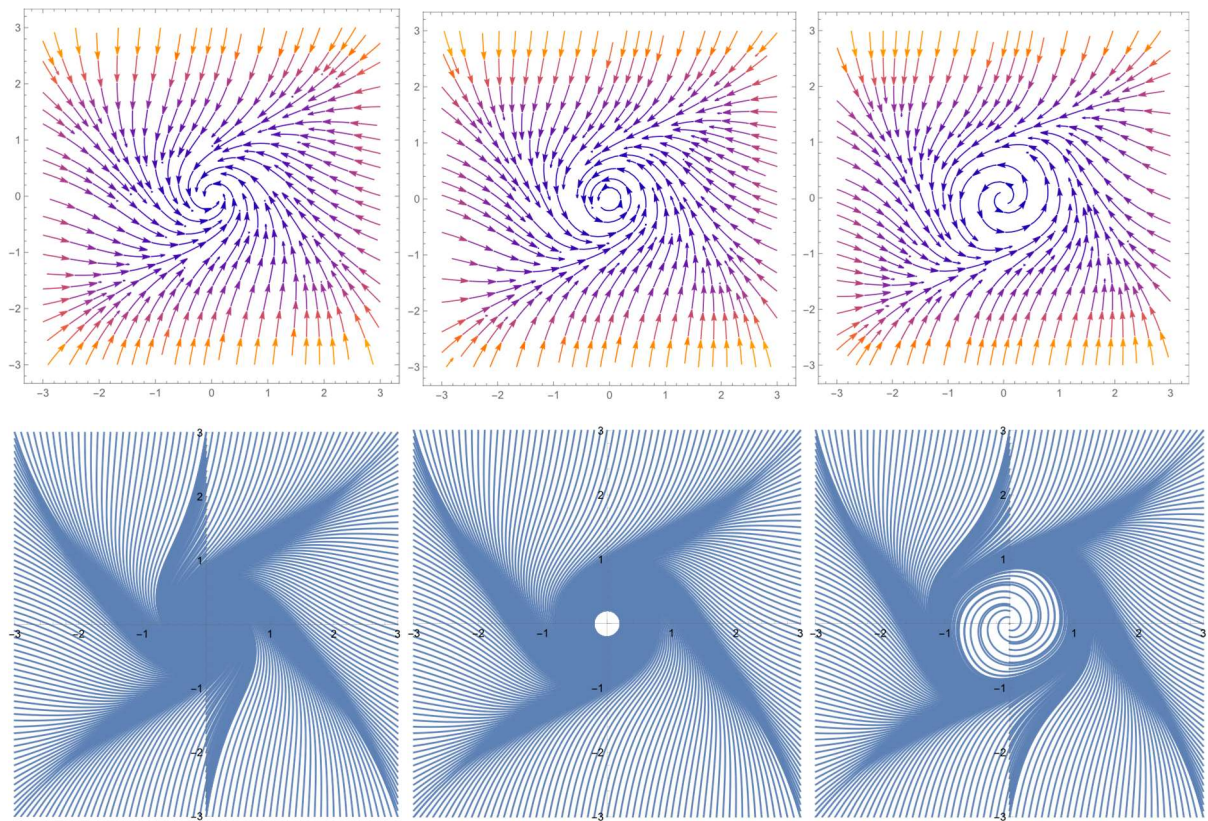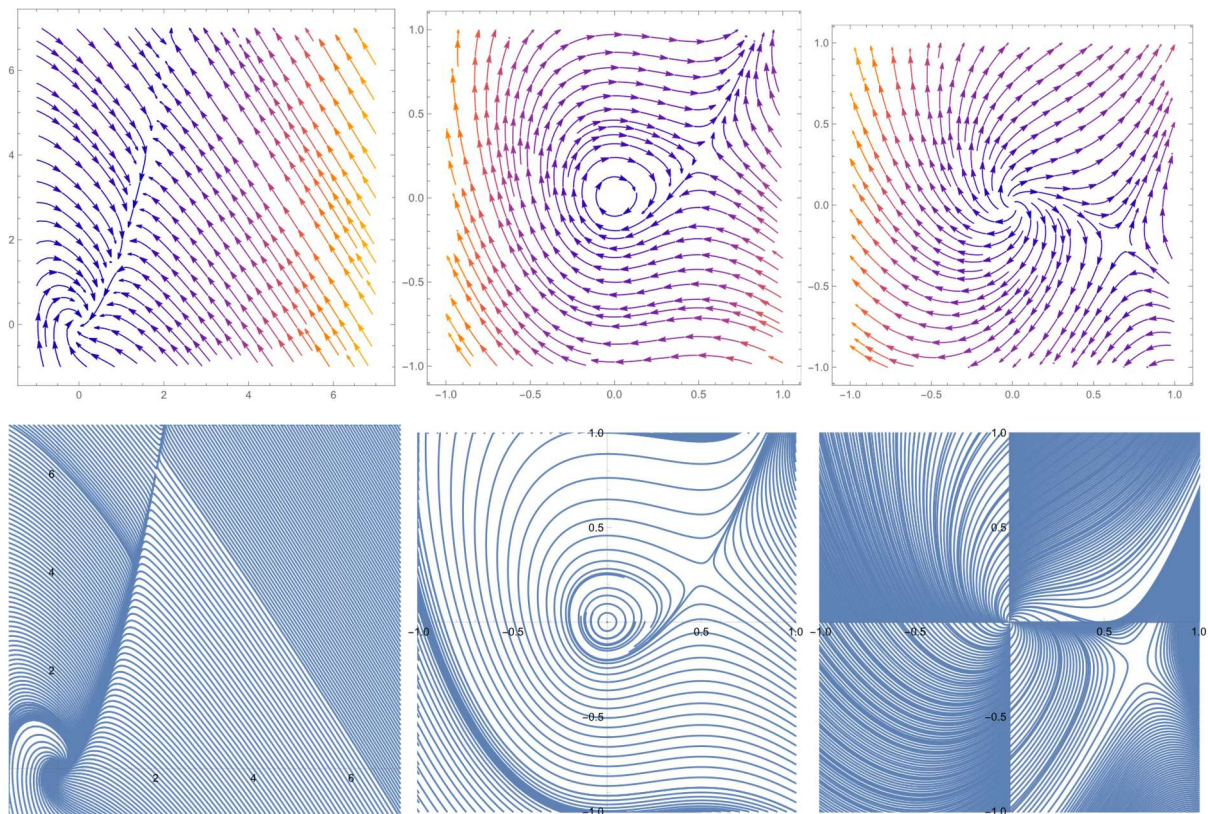**(1)** $\mu = -1,0,1$ $a > 0$ *subcritical*

(2) $\mu = -1,0,1$ $a < 0$ *supercritical*

Looking at these phase portraits I can verify the criteria found in subtask, that system (1) is subcritical, and system (2) is supercritical.