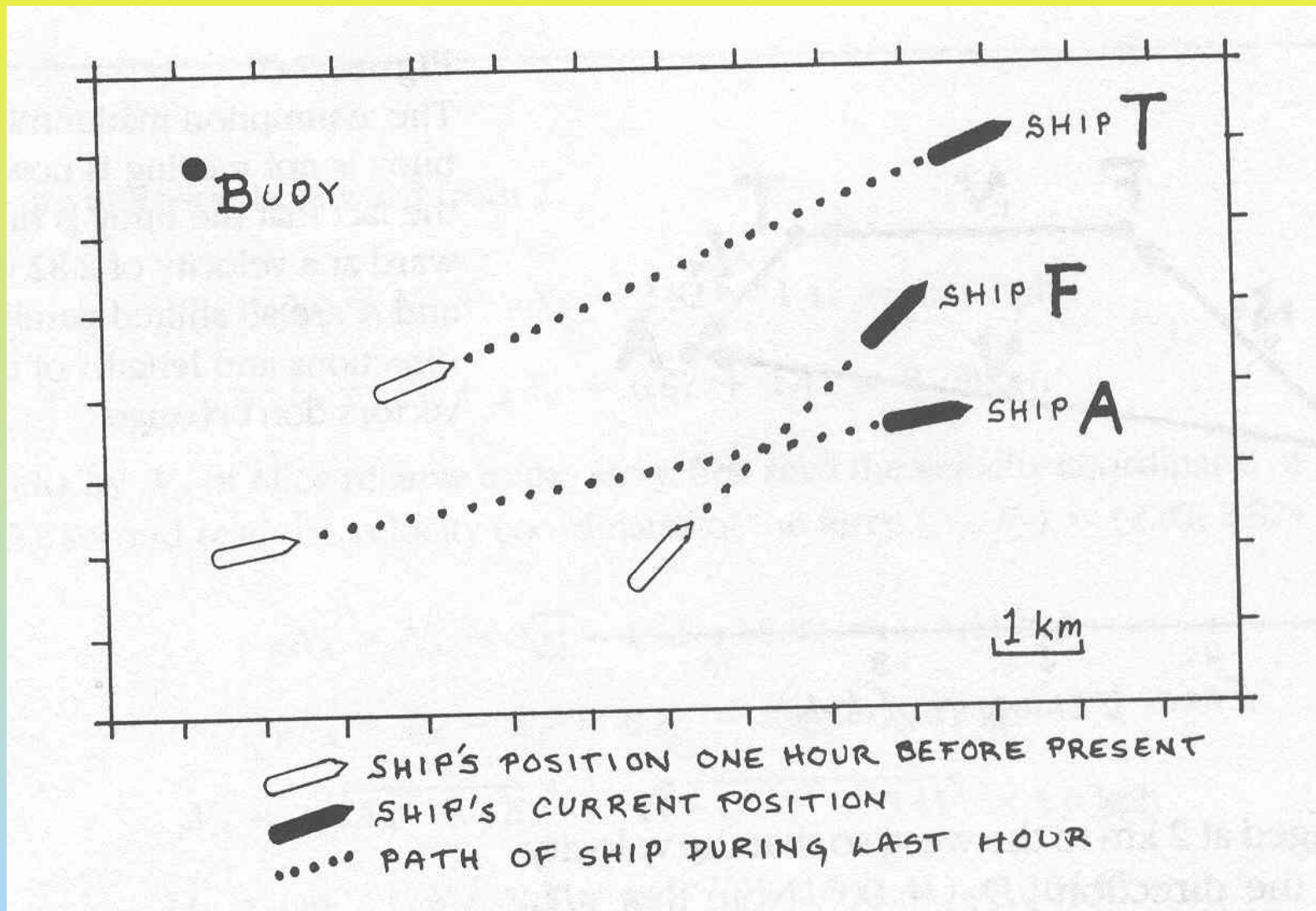
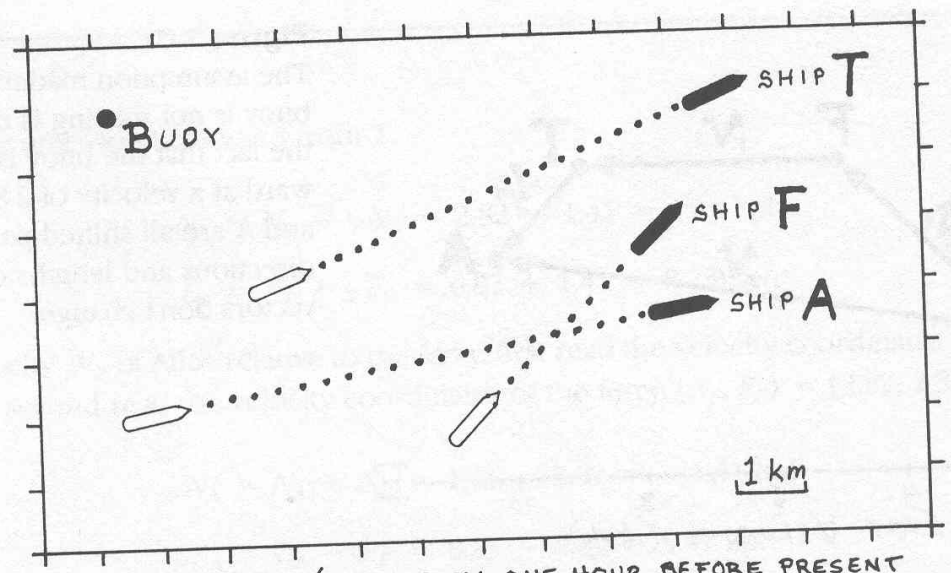
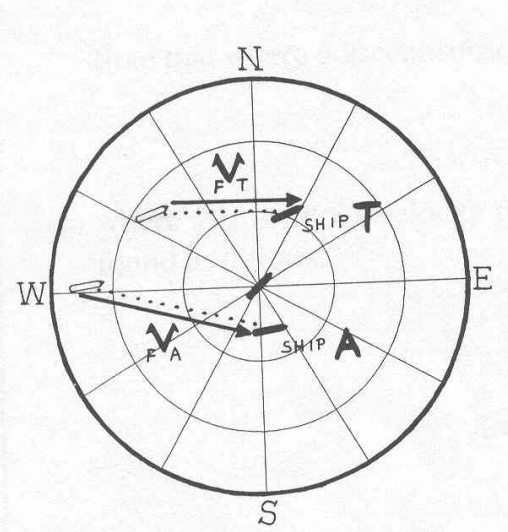


Ship positions relative to buoy at $t=0$ and $t=1$ hr
What will the radar screen in Ship T look like?
Ship F? Ship A?

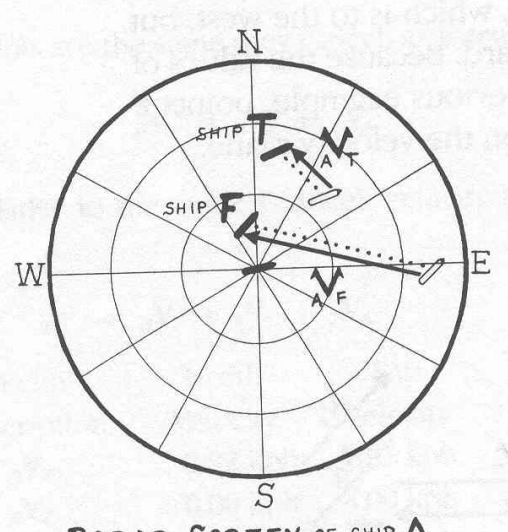




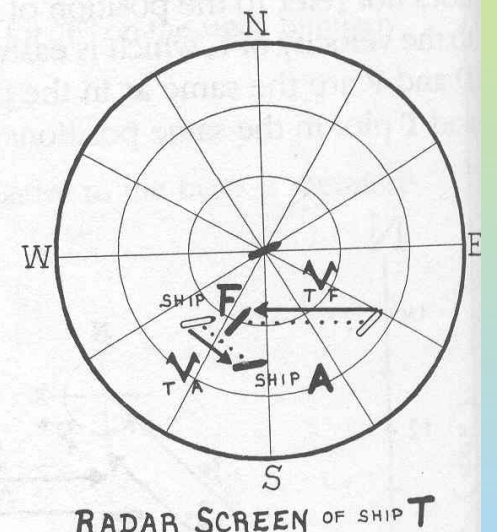
- SHIP'S POSITION ONE HOUR BEFORE PRESENT
- SHIP'S CURRENT POSITION
- PATH OF SHIP DURING LAST HOUR



RADAR SCREEN OF SHIP F



RADAR SCREEN OF SHIP A



RADAR SCREEN OF SHIP T

What is the rigorous approach to solving the radar screen problem ?

$$\text{Rate} = \sqrt{v_n^2 + v_e^2} \quad \text{and} \quad \theta = \tan^{-1}(v_e / v_n)$$

