(a) Parallel Navigation

(b) Proportional Navigation


Boat A
Boat Rotation $=\mathrm{N}$ x LoS Rotation
Navigation Constant
(c) Range Vector Correlation

| Step 1 | Step 2 | Step 3 | Step 4 |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| Obtain lines-of-sight between target and interceptor. | Obtain the time derivative difference vectors of LoS. | Measure the angle between difference vectors and LoS. | Convert the difference angle to correlation value. |

