**Guidance laws**

For the same [effective navigation ratio, target maneuver (error source), total flight time]

|  |  |  |
| --- | --- | --- |
| **proportional navigation** | **Augmented proportional navigation** | **optimal guidance** |
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| * Proportional navigation yields smaller miss distances for longer flight times | * Augmented proportional navigation yields smaller miss distances for shorter flight times than PN | * Optimal guidance law always yields zero miss distance. |