Tableau 1 – Les valeurs propres du mouvement longitudinal

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Les racines du polynôme caractéristique** | **T(s)** | **t1/2** | **N1/2** | **ζ** | **Mode** |
| -0.6963 + 2.3436i  -0.6963 - 2.3436i | 2.6810 | 0.9955 | 0.3713 | 0.2848 | Oscillation d’incidence  (*short period*) |
| -0.0077 + 0.0622i  -0.0077 - 0.0622i | 101.0507 | 90.1963 | 0.8926 | 0.1227 | Phugoïde |

Tableau 2 – Les valeurs propres du mouvement latéral

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Les racines du polynôme caractéristique** | **T(s)** | **t1/2(s)** | **N1/2** | **τ (s)** | **ζ** | **Mode** |
| -0.2557 + 2.8693i  -0.2557 - 2.8693i | 2.1898 | 2.7106 | 1.2378 |  | 0.1046 | Roulis hollandais |
| -1.0234 + 0.0000i |  |  |  | 0.9771 | 16.3352 | Convergence en roulis |
| -0.0017 + 0.0000i |  |  |  | 584.5623 | 0.0273 | Spiral |