**Laplace Transformation of some elementary functions:**

|  |  |  |
| --- | --- | --- |
|  |  |  |
| 1.  2.  3. | n= 0, 1, 2, … | , s>0  , s>0  , s>0 |
| 4.  5.  6. |  | ,  , |
| 7.  8. |  | ,  , |

**Inverse Laplace Transformation**

|  |  |  |
| --- | --- | --- |
|  |  |  |
| 1.  2.  3. |  | 1  t |
| 4.  5.  6.  7.  8. |  |  |
| 9. | , |  |