|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Ciclos  Math.abs(valorIntegral - valorCalculadoIntegral) > 0.00001 | | Para el cálculo de X tal que el área bajo la curva sea p=0.2 y dof = 6 | | | | |
| # | Instruction | valorCalculadoIntegral | errorAnterior | Considición | d | x |
| 1 | while(Math.abs(valorIntegral - valorCalculadoIntegral) > 0.00001) | 0.329583054620701 | 0.0 | true | 1 | 1 |
| 2 | if(errorAnterior == 0) |  | 0.0 |  |  |  |
| 3 | d = ((valorIntegral - valorCalculadoIntegral) > 0) ? 1 : -1; |  |  |  | -1.0 |  |
| 4 | if(Math.abs(valorIntegral - valorCalculadoIntegral) > 0.00001) |  |  | True |  |  |
| 5 | x += d; |  |  |  |  | -1.0 |
| 6 | distribucionT = new DistribucionT(numeroSegmentos, x, DOFValue) |  |  |  |  |  |
| 7 | errorAnterior = valorIntegral - valorCalculadoIntegral | 0.329583054620701 |  |  |  |  |
| 8 | valorCalculadoIntegral = distribucionT.calculoDistribucion() | 0.329583054620701 |  |  |  |  |
| 9 |  |  |  |  |  |  |
| 10 | while(Math.abs(valorIntegral - valorCalculadoIntegral) > 0.00001) |  |  | true |  |  |
| 11 | if(errorAnterior == 0) |  | -0.12958305 | True |  |  |
| 12 | d = (((valorIntegral - valorCalculadoIntegral) > 0 && errorAnterior > 0) || ((valorIntegral - valorCalculadoIntegral) < 0 && errorAnterior < 0))? d : (-1) \* d /2; |  |  | false | 0.5 |  |
| 13 | if(Math.abs(valorIntegral - valorCalculadoIntegral) > 0.00001) |  |  | true |  |  |
| 14 | x += d; | -0.5 |  |  |  |  |
| 15 | distribucionT = new DistribucionT(numeroSegmentos, x, DOFValue) |  |  |  |  |  |
| 16 | errorAnterior = valorIntegral - valorCalculadoIntegral |  | 0.5295830 |  |  |  |
| 17 | valorCalculadoIntegral = distribucionT.calculoDistribucion() | -0.1837725446 |  |  |  |  |
| 18 |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |
| 20 | while(Math.abs(valorIntegral - valorCalculadoIntegral) > 0.00001) | 0.2 |  | false |  |  |
| 21 |  |  |  |  |  |  |
| 22 |  |  |  |  |  |  |
| 23 |  |  |  |  |  |  |
| 24 |  |  |  |  |  |  |