| Condición Inicial | $x_1 = b_j, x_0 = \gamma_j$ | $f(x_i)$ | -2.4161468365471 | -0.0505849310223 | -0.0062084483468557 | -4.0407187297253e-05 | -3.3005715938117e-08 | -1.7597034940309e-13 | | |
|-------------------|----------------------------------|-----------|------------------|--------------------|--|--|--|---|---|---|
| | | x_{i-1} | 1.65 | 2 | 0.76911287619805 | 0.74279171330295 | 0.73910927678678 | 0.73908515293641 | $0.73908513321516 \mid 0.73908513321527$ | |
| | | x_i | 2 | 0.76911287619805 | 0.74279171330295 | 0.73910927678678 | 0.73908515293641 | 0.73908513321527 | 0.73908513321516 | |
| | $x_1 = \beta_j, x_0 = b_j$ | $f(x_i)$ | -1.7291208888067 | -0.042965639356953 | -0.0049717634896531 0.74279171330295 0.76911287619805 | -2.7591517739012e -05 0.73910927678678 0.74279171330295 | -1.8058211814775e-08 | -6.5836225360272e-14 | | |
| | | x_{i-1} | 1 | 1.65 | 0.76461474594196 | | 0.73910161936417 | 0.73908514400512 | 0.7390851332152 | |
| | | x_i | 1.65 | 0.76461474594196 | 0.74205386755889 | 0.73910161936417 | 0.73908514400512 | 0.7390851332152 | $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | |
| | $x_1 = \alpha_j, x_0 = \gamma_j$ | $f(x_i)$ | -2.4161468365471 | -0.044984875409925 | -0.0051366580671285 0.74239298609618 0.76580766188465 -0.0055401017996455 0.74205386755889 0.76461474594196 0.7646147474994196 0.76461474994196 0.76461474994196 0.76461474994196 0.76461474994196 0.76461474196 0.7646147494196 0.7646147494196 0.7646147494196 0.764614744196 0.7 | $-2.8897535904959 \pm 0.07391043454069 \\ \boxed{0.74239298609618} \\ \boxed{-3.2153891608822} \\ \boxed{0.73910161936417} \\ \boxed{0.74205386755889} \\ \boxed{0.7420538675589} \\ \boxed{0.7420538675589} \\ \boxed{0.7420538675589} \\ \boxed{0.74205386759} \\ \boxed{0.74205386759} \\ \boxed{0.74205386759} \\ \boxed{0.74205386759} \\ \boxed{0.74205389} \\ \boxed{0.74205389}$ | $0.73910327015894 \mid -2.150675060264e - 08 \mid 0.73908514488979 \mid 0.73908514488979 \mid 0.73910239971733 \mid -1.9538808238018e - 08 \mid 0.73908514722311 \mid 0.73908514400512 \mid 0.7390851475e - 08 \mid 0.739085184775e - 08 \mid 0.7390851873176e - 08 \mid 0.739085184775e - 08 \mid 0.73908518476e - 08 \mid 0.73908518476e - 08 \mid 0.739085184775e - 08 \mid 0.739085184775e - 08 \mid 0.739085184775e - 08 \mid 0.73908518476e -$ | -9.9475983006414e - 14 0.7390851332152 0.73908514400512 -6.5836225360272e - 14 0.73908513321527 0.73908515293641 0.73908515293641 0.73908513321527 0.73908515293641 0.73908513321527 0.73908515293641 0.73908513321527 0.7390851329841 0.73908513321527 0.7390851329161 0.73908513321527 0.7390851329161 0.7390851329161 0.73908513321527 0.7390851329161 0.7390851329161 0.7390851332152 0.7390851332152 0.7390851332152 0.7390851329161 0.7390851332152 0.7390851329161 0.7390851332152 0.7390851329161 0.7390851332152 0.7390851329161 0.7390851332152 0.7390851329161 0.7390851332152 0.7390851332152 0.7390851329161 0.739085131 0.739085131 0.739085131 0.739085131 0.739085131 0.739085131 0.739085131 0.739085131 0.739085131 0.739085131 0.739085131 0.739085131 0.739085131 0.739085131 0.739085131 0.739085131 0.739085131 0.7390851311 0.739085131 0.739085131 0.739085131 0.739085131 0.739085131 0.739085131 0.739085131 0.739085131 0.739085131 0.739085131 0.7390851311 0.7390851311 0.7390851311 0.7390851311 0.739085131 0.7390851311 0.7390851311 0.7390851 | | |
| | | x_{i-1} | 1.7 | 2 | 0.76580766188465 | 0.74239298609618 | 0.7391043454069 | 0.73908514722311 | 0.73908513321522 | |
| | | x_i | 2 | 0.76580766188465 | 0.74239298609618 | 0.7391043454069 | 0.73908514722311 | 0.73908513321522 | 0.73908513321516 | |
| | $x_1 = \beta_j, x_0 = \alpha_j$ | $f(x_i)$ | -1.8288444942955 | -0.043569569754098 | -0.0051366580671285 | -2.8897535904959e-05 | -1.9538808238018e-08 | -7.4606987254811e-14 0.73908513321522 0.73908514722311 | $1.1102230246252 e - 16 \left \begin{array}{c c} 0.73908513321516 & 0.73908513321522 \end{array} \right $ | |
| | | x_{i-1} | 1 | 1.7 | 0.7649715970166 | 0.74215226276963 | 0.73910239971733 | 0.73908514488979 | $0.73908513321516 \mid 0.73908513321521$ | $0.73908513321516 \mid 0.73908513321516 \mid$ |
| | | x_i | 1.7 | 0.7649715970166 | 0.74215226276963 | 0.73910239971733 | 0.73908514488979 | 0.73908513321521 | 0.73908513321516 | 0.73908513321516 |
| | $x_1 = \beta_j, x_0 = \gamma_j$ | $f(x_i)$ | -2.4161468365471 | -0.043676344228605 | 0.76503468239182 -0.0053832612631972 0.74215226276963 | -3.035432883447e-05 0.73910239971733 0.74215226276963 | -2.150675060264e-08 | $-8.604228440845 \\ e-14 0.73908513321521 0.73908514488979$ | | |
| | | x_{i-1} | 1 | 2 | 0.76503468239182 | 0.74229940686494 | 0.73910327015894 | 0.73908514606566 | 0.73908513321521 | |
| | | x_i | 2 | 0.76503468239182 | 0.74229940686494 | 0.73910327015894 | 0.73908514606566 | 0.73908513321521 | 0.73908513321516 | |
| | | Iteración | 0 | П | 2 | က | 4 | ಬ | 9 | |

Figure 1: Método Secante, raíz 5