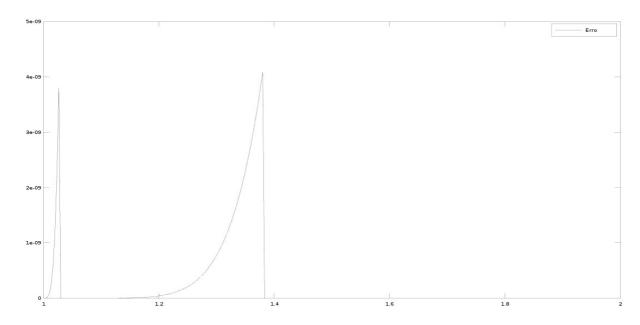
Trabalho 3 - Cálculo Numérico

1. Interpolação Polinomial por Newton-Rapshon

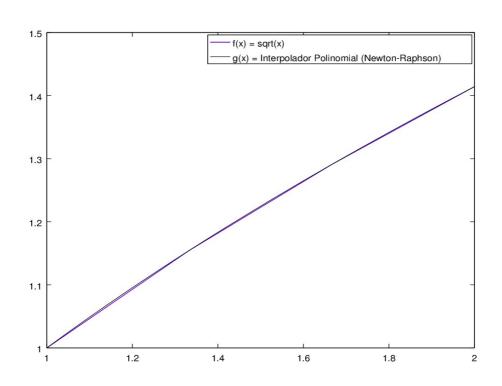
Erro:



Erro Máximo:

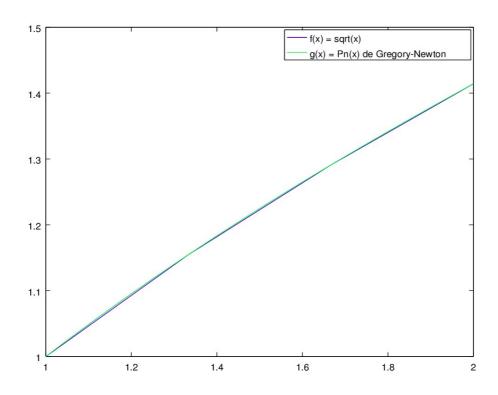
erroMaxNewtonRaphson = 4.08074951607773e-09

Valor:

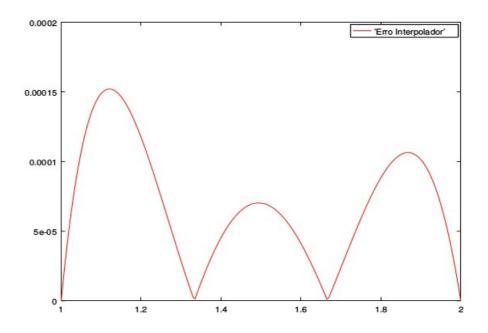


2. Interpolação Polinomial por Gregory-Newton

Valor:



Erro:

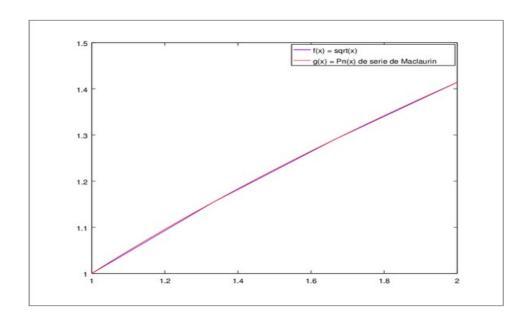


Erro Máximo:

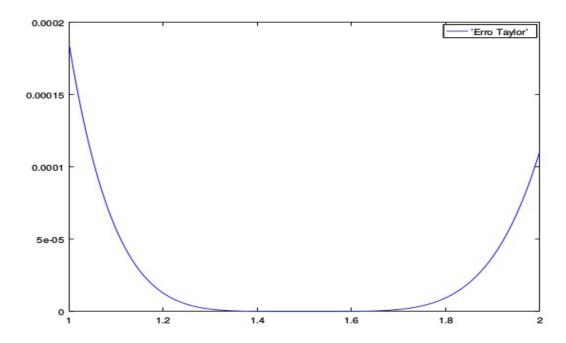
erroMaxInterpolador = 1.52109652926002e-04

3. Aproximação por Série de MacLaurin

Valor:



Erro:

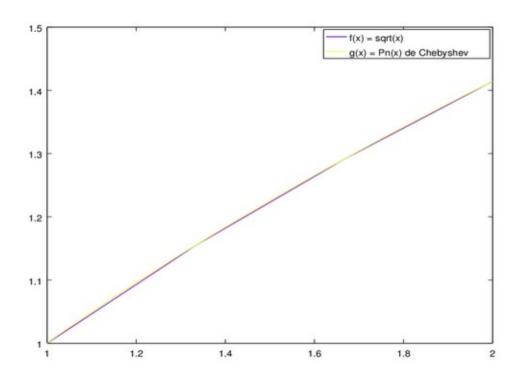


Erro Máximo:

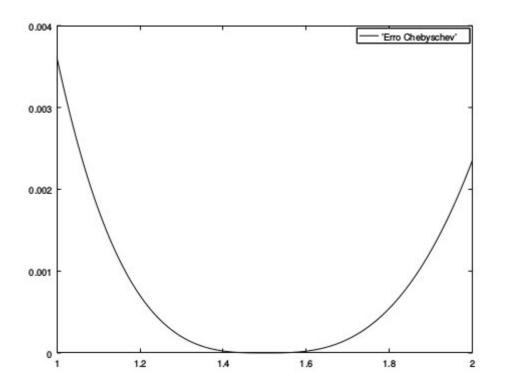
erroMaxSerieTaylor = 1.84686156692093e-04

4. Aproximação por Chebyshev

Valor:



Erro:

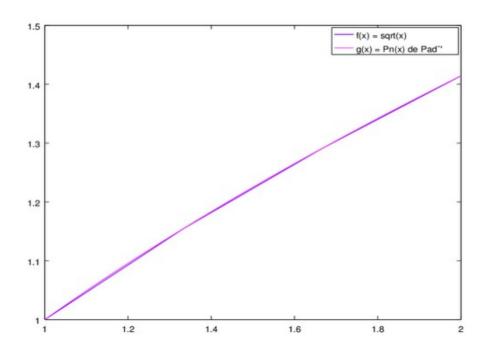


Erro Máximo:

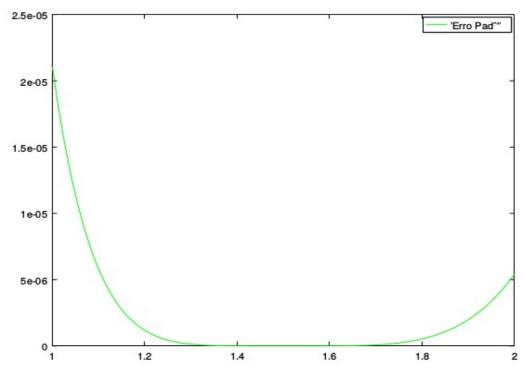
erroMaxCheby = 0.00361038072370601

5. Aproximação por Padé

Valor:



Erro:



Erro Máximo:

erroMaxPade = 2.10417784534123e-05

Gráfico de todos os erros

