B)
$$\tilde{\chi} = \frac{1}{4}$$
 $\Delta \tilde{\chi} = 0,065$
 $F(\tilde{\chi}) = \cos(\tilde{\chi}) - \ln(2\tilde{\chi})$
 $\chi \in [0,7803981634, 0,7903981634]$
 $F'(\tilde{\chi}) = -\sin(\tilde{\chi}) \ln(2\tilde{\chi}) + \cos(\tilde{\chi})$
 $\Delta F(\tilde{\chi}) = |-\sin(\tilde{\chi}) \ln(2\tilde{\chi}) + \cos(\tilde{\chi})| \cdot 0,005$
 $\Delta F(\tilde{\chi}) = 2,904995615 \text{ Mio}^{3}$
 $F(\tilde{\chi}) = 0,319317193$
 $F(\tilde{\chi}) \in [0,316412197, 0,32222188]$