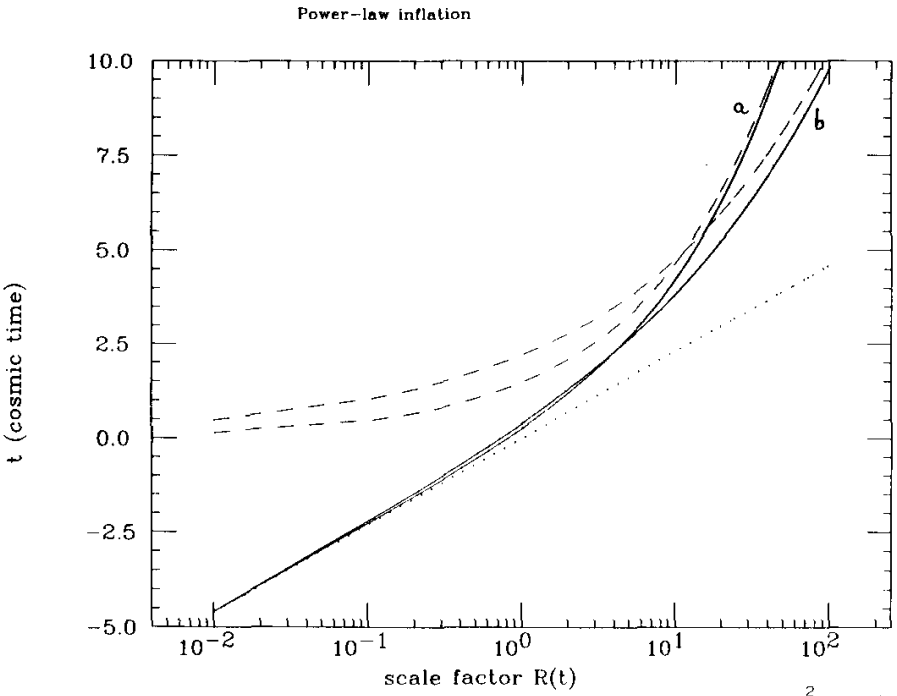

FIG.3 . Dashed curves represent the scale factors before the embedding: a) $R \propto t^2$ and b) $R \propto t^3$. Solid curves correspond to the scale factors of the regularized geometry, after the embedding. The dotted line is the de Sitter scale factor $R \propto \exp(t)$(I have used units in which $L_p = 1$, and I have chosen, for graphic convenience, $t_0 = 2\pi L_p/e$).

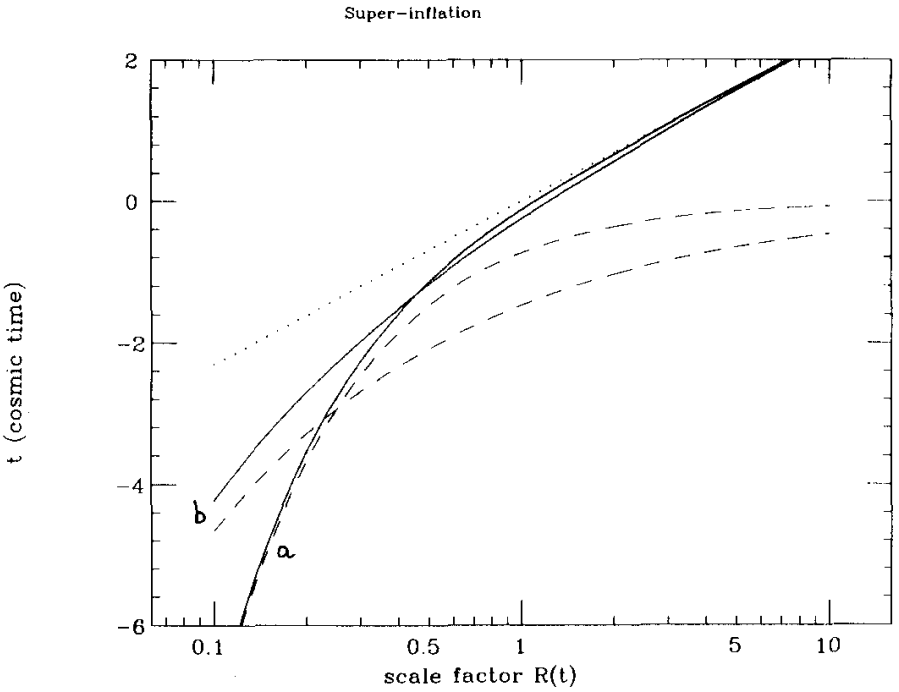

FIG.4 . The same as in Fig.3 for two backgrounds which, before the embedding,describe super-inflationary expansion, and are represented by the scale factors a) $R \propto t^{-1}$ and b) $R \propto t^{-2}$.