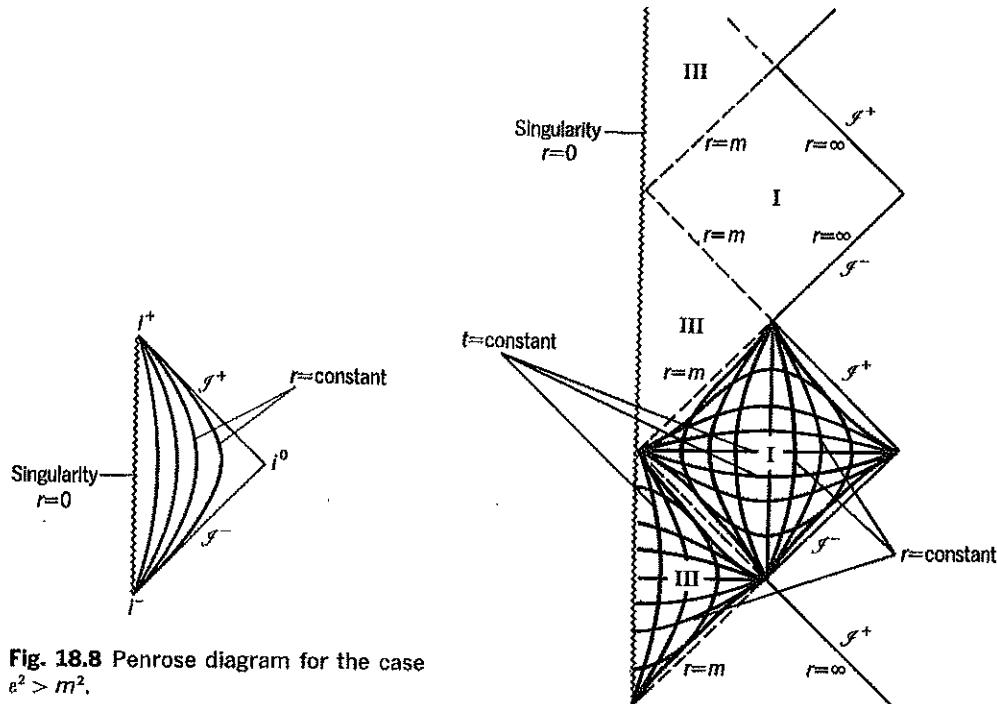


**Fig. 18.6** Penrose diagram for maximal analytic extension ( $s^2 < m^2$ ).



**Fig. 18.8** Penrose diagram for the case  $s^2 > m^2$ .

**Fig. 18.7** Penrose diagram for the case  $s^2 = m^2$ .