



Ta)
$$\sum_{i=0}^{N} (F_{i}^{(a)} - mR_{i}^{2}) SR_{i}^{2} = 0$$
 $\sum_{i=0}^{N} (-mgR_{i}^{2}) - mR_{i}^{2}) SR_{i}^{2} = 0$
 $\sum_{i=0}^{N} (-mgR_{i}^{2}) - mR_{i}^$



