$$ds^2 = (1+ah)^2 \cdot d\tau^2 - dh^2 - dy^2 - dz^2 \qquad -①$$

Given.

the Rindler metric is given by:-

$$ds^2 = \rho^2 d\tau^2 - d\rho^2 - dy^2 - dz^2 . \qquad -②$$

We define $\rho = 1 + ah$.

Thus, $d\rho = a\, dh$.

$\Rightarrow$ For ①:-

$$ds^2 = \rho^2 d\tau^2 - \frac{1}{a^2} d\rho^2 - dy^2 - dz^2$$

So, for the special case of $a = \pm 1$, The given metric will behave as a Rindler metric

The coordinate change required is.-

$$T = \tau$$

$$h = \pm(\rho - 1) \qquad (\text{assumed } a = \pm 1)$$

$$y = y$$

$$z = z$$