We made a typographical error in the first term on the right-hand side of Eq. (5.11). This is rectified as follows:

\[ ds^2 = -[2(1 - 2\kappa^2)]^{-2} e^{2\lambda} \left( \frac{V + U}{2} \right)^{4s(2\kappa - 1)} du dv + \left( \frac{V + U}{2} \right)^{2(1 - 2s)} \left( \frac{V - U}{2} \right)^2 d\varphi^2 + \left( \frac{V + U}{2} \right)^4 dz^2. \]

Also in the caption of Fig. 3, we erroneously wrote that Fig. 3(b) showed the conformal diagram for \( n = 2, 3, 4, \ldots \). In reality, Fig. 3(b) shows the conformal diagram only for \( n = 3, 5, 7, \ldots \). As for \( n = 2, 4, 6, \ldots \), the conformal diagram is given by the following figure, where unshaded regions denote untrapped regions. For this case, the extended region \(-\nu < u < 0\) is untrapped as is the original region \( 0 < u \leq \nu \). The null surface \( u = 0 \) is a trapping horizon. The timelike surface \( r = 0 \) is a regular or conically singular axis, while the spacelike surface \( r = 0 \) is noncurvature quasiregular singularity.