Correction to "Probability Theory" by S. R. S. Varadhan Courant Lecture Notes, Volume 7

Page 21, the 9th line from the top, should be as follows:

$$\lim_{T \to \infty} u(T, z) = \begin{cases} \frac{\pi}{2} & \text{if } z > 0\\ -\frac{\pi}{2} & \text{if } z < 0\\ 0 & \text{if } z = 0 \end{cases}$$