decided by TSaT-MUSIC. As shown in Fig. 5, the position of the transmitter from \( S_c \) is described as:

\[
(x_0, y_0, z_0) = \left( c r_c \cos \theta_a, c r_c \cos \theta_b, c r_c \sqrt{1 - (\cos^2 \theta_a + \cos^2 \theta_b)} \right).
\]

Hence we can estimate the transmitter’s position by using the TSaT-MUSIC algorithm.