

The diagram illustrates a quantum system A and its copy within an environment. A large white rectangle is centered on a light blue background. The rectangle is divided into two equal halves by a vertical line. The left half contains the text  $\rho_A$  above a light green box labeled "sistema A". The right half contains the text  $\rho_B$  above a light green box labeled "copia de A". Above the rectangle, centered over the vertical line, is a red-bordered box containing the equation  $\rho_{total} = |Bell\rangle\langle Bell|$ . A large orange double-headed arrow is positioned below the red box and above the two halves of the rectangle. The entire scene is surrounded by a light blue background with black diagonal lines representing an environment.

$$\rho_{total} = |Bell\rangle\langle Bell|$$

$\rho_A$

sistema A

$\rho_B$

copia de A

entorno