

$a_1$  $T_x c_{2,1}$  ${}^c c_1$  $c_1$ 

Podsystem sterowania

 ${}^r_y r_{1,1}$  ${}^r_x c_{1,1}$  ${}^e_y c_{1,1}$  ${}^e_x c_{1,1}$  ${}^e_y c_{1,2}$  ${}^e_x c_{1,2}$  ${}^c_x r_{1,1}$  ${}^c_y r_{1,1}$  ${}^c_x e_{1,1}$  ${}^c_y e_{1,1}$  ${}^c_x e_{1,2}$  ${}^c_y e_{1,2}$ Wirtualny  
receptor  $r_{1,1}$  ${}^e e_{1,1}$  Wirtualny  
efektor  $e_{1,1}$ Wirtualny  
efektor  $e_{1,2}$  ${}^R_x r_{1,1}$  ${}^E_y e_{1,1}$  ${}^E_x e_{1,1}$  ${}^E_y e_{1,2}$  ${}^E_x e_{1,2}$  ${}_y R_{1,1}$  ${}_x E_{1,1}$  ${}_y E_{1,1}$  ${}_x E_{1,2}$  ${}_y E_{1,2}$  $R_{1,1}$   
Kamera RGB-D  
(Kinect) $E_{1,1}$   
Manipulator  
sześciostopniowy $E_{1,2}$   
Chwytak  
dwustanowy