LIST OF SYMBOLS

∝ Normalized cross-correlation function

X_i Random variable

p Probability

p(x) P

f(x,y) Intensity value of the image f

\bar{f}_{p,q} Mean value of f(p,q)

\bar{t}_{p,q} Mean value of the template t

\sigma_f Standard deviation

G_{Th} Gesture rejection threshold

T_f Frame capture interval

NT Templates per command

V(x,y) Vertices

E Edge weight

\delta(x, y) Coordinate of dynamic obstacle

\zeta(x, y) Destination grid

c(x,y) Current grid

W Source grid weight
N  Number of source/destination

O()  Big Oh notation