Process terms

$R :=$	$R_1 \mid R_2$	Composition
	$n!\langle\overline{V}\rangle$	Send
	$n?(\overline{X}).R$	Receive
	new$(n).R$	Restriction
	if $v_1 = v_2$ then R_1 else R_2	Matching
	rec $p.R$	Recursion
	stop	Termination

System

	new$(c_1, ..., c_n).R_1 \mid ... \mid R_m$	$n, m >= 0$

Figure 0.0.2: *Terms in the asynchronous π-calculus*