



Configuration		Behaviour	
m-config.	symbol	operations	final m-config.
b		$P_0, R, P_0, R, P_0, R, R, P_0, L, L$	o
e	1	$R, P\pi, L, L, L$	o
	0		q
q	Any (0 or 1)	R, R	q
	None	$P1, L$	p
p	π	B, R	q
	e	R	f
	None	L, L	p
f	Any	R, R	f
	None	$P0, L, L$	o

Alan Turing (1912-1954) was an English mathematician, known for formalizing the notion of computation and algorithm with the concept of *Turing Machines* and founding the field of theoretical Computer Science. During World War II, he worked as a cryptanalyst for the English army, making crucial contributions to breaking German Naval ciphers. Towards the end of his life, he took interest in mathematical biology and proposed a dynamical mechanism which could explain the formation of patterns such as stripes and dots on an animal's skin. A homosexual at a time when this was still considered a crime in England he was sentenced to chemical castration in 1952. His death two years later was ruled as a suicide.