transition event

Canonical name	TransitionEvent
Date of creation	2013-03-22 14:05:16
Last modified on	2013-03-22 14:05:16
Owner	PrimeFan (13766)
Last modified by	PrimeFan (13766)
Numerical id	5
Author	PrimeFan (13766)
Entry type	Definition
Classification	msc 68P20
Synonym	event

A *transition event* (or simply *event*) on a state set S is an element $e = (s_i, s_j) \in (S \times S)$ of a binary relation on state set S that signifies the transition from one state to another. An event e is defined by a condition function $c(s_i)$ which evaluates a Boolean function in state s_i and by an action function p.