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## ON CONCURRENCY-DEGREES FOR JUMPING PETRI NETS

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Abstract. This paper treats the notion of degrees of concurrency in jumping Petri nets. It will present a more general definition of concurrency degrees for them, which takes into consideration the auto-concurrency (i.e the case of the transitions concurrently enabled with themselves), thus replacing the old definitions given in [4], which ignore the auto-concurrency. Also, this paper will introduce a finer notion, namely the concurrency-degrees w.r.t. a set of transitions and it will point out how these more general concurrency-degrees can be computed.

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