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# From processes to automata: compactification theorem

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## Résumé

When working on concurrency, synchronization can be very hard to deal with. This paper aims to outline the construction of a compactification theorem which simplifies a lot some proofs about the synchronization of a finite (but unbounded) number of normalizable processes in the framework HOL-CSP.

**Mots-Clés:** formal verification, isabelle, HOL, CSP, proof

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