

Confluence

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Overview

Confluence properties and proofs

Source Code

```
import OperatorKernel06.Kernel
import Init.WF
import OperatorKernel06.Meta.Normalize

open OperatorKernel06 Trace Step
namespace OperatorKernel06.Meta

def Confluent : Prop :=
   $\forall \{a\ b\ c\}, \text{StepStar } a\ b \rightarrow \text{StepStar } a\ c \rightarrow \exists\ d, \text{StepStar } b\ d \wedge \text{StepStar } c\ d$ 

theorem global_confluence : Confluent :=
  confluent_via_normalize

end OperatorKernel06.Meta
```