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## References & Citations

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**modelling  
transitional  
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flows  
using  
under-  
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direct  
numerical**

# simulations: The case of plane Couette flow

[Paul Manneville](#),  
[Joran Rolland](#)

*(Submitted on 11  
Oct 2010)*

Direct  
numerical  
simulations  
have  
proven  
of  
inestimable  
help to  
our  
understanding  
of the  
transition  
to  
turbulence  
in wall-  
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