SensPatankar in cylindrical coordinates

INRA\Olivier Vitrac – rev. 22/10/2013



General solution



On East side and by noting, :

 for 

By noting the common flux at , , Eq. becomes:

 for 

Similarly on west side of the common interface one gets:

 for 

By enforcing the local thermodynamical condition at the common interface:



Which reorganizes as:



….

And finally as:

