

# formally solved differential equation and rational functions

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Hello List,

I have just resolved formally a set of (highly) nonlinear differential equations. Now I want to find solutions as illustration:  
my plan is to plug in rational functions with arbitrary coefficients  
and see how it can be managed.

My guess is that the approach is a classical one:  
does anyone know any literature about such an approach ?

Thanks in advance,  
Jerome

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