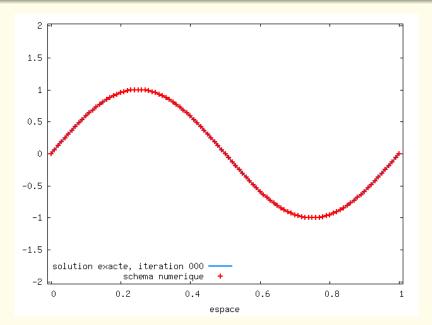
Advection

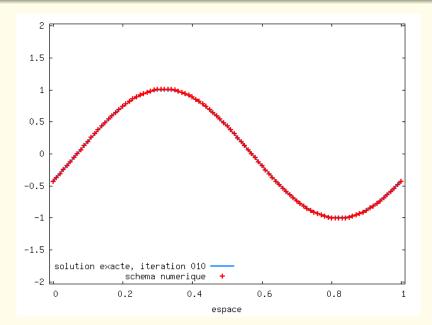
François Dubois*

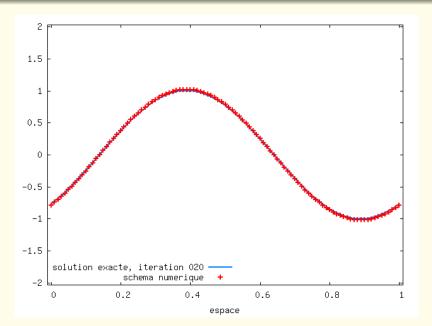
Introduction à l'Analyse Numérique des Equations aux Dérivées Partielles Cours 3. 06 avril 2017

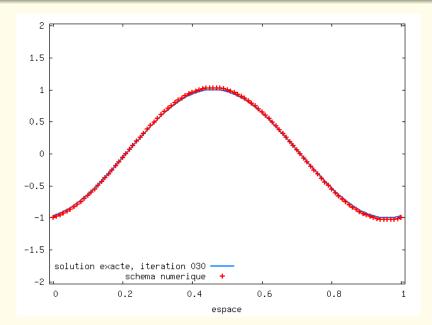
CNAM Saint-Denis, ingénieurs en aérodynamique

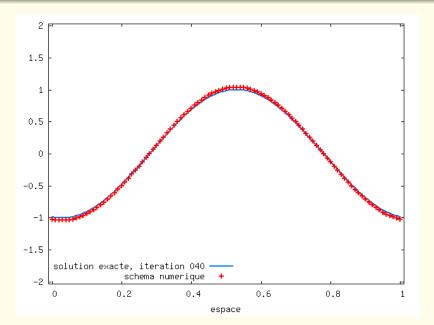
^{*} Conservatoire National des Arts et Métiers, Paris

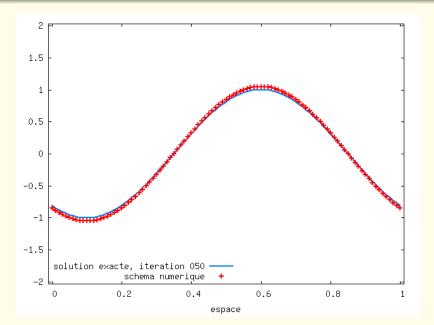


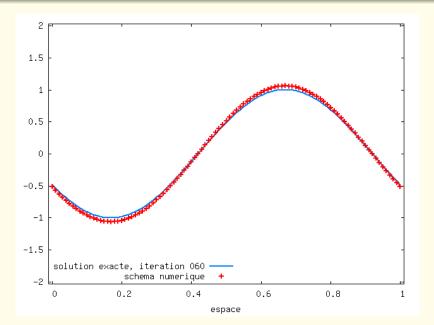


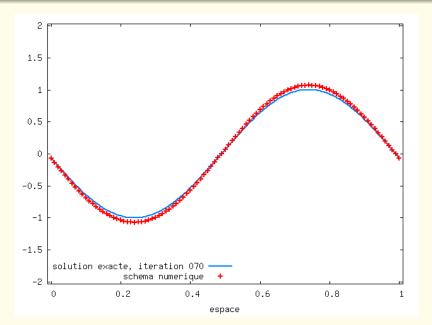


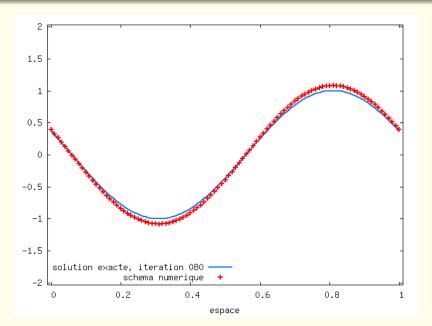


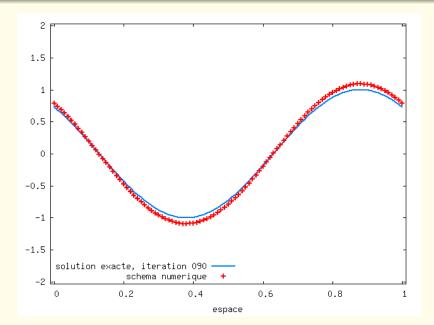


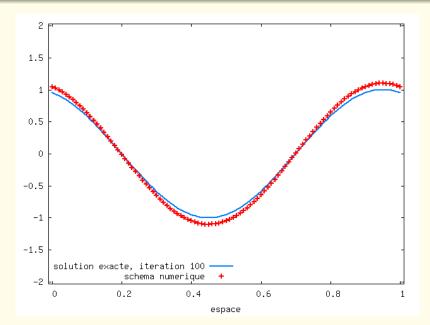


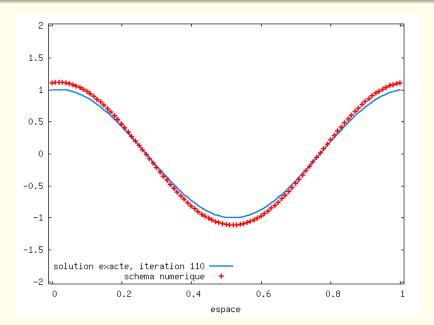


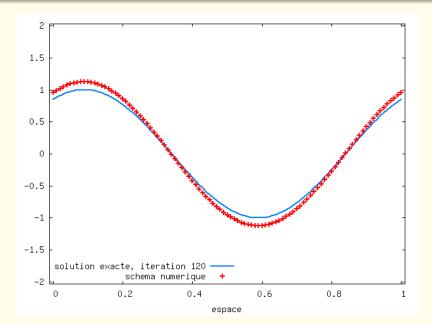


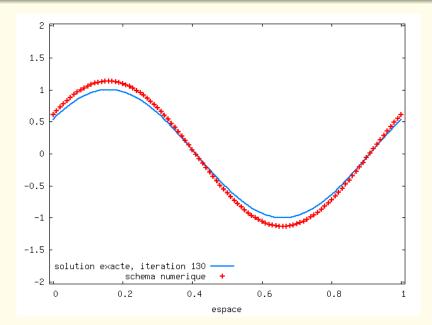


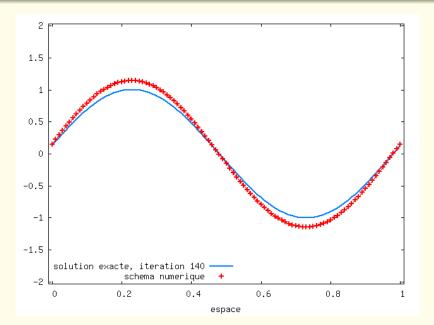


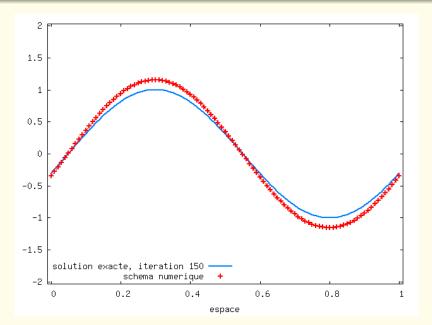


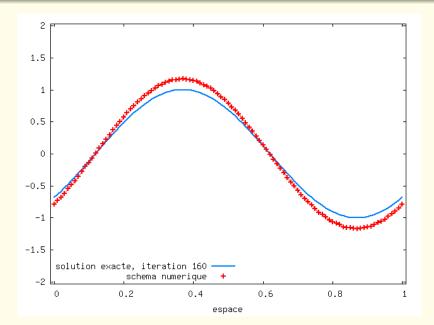


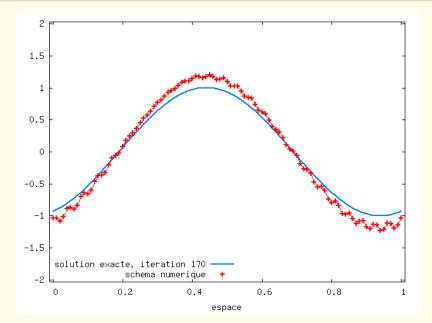


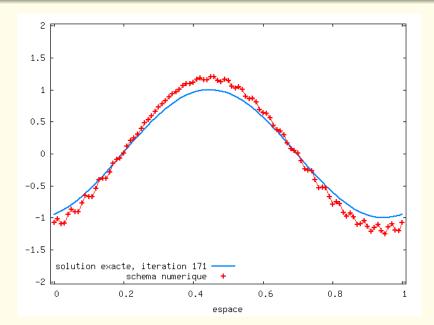


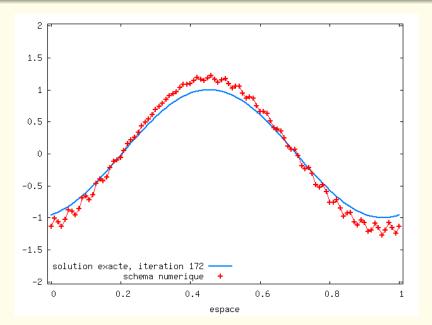


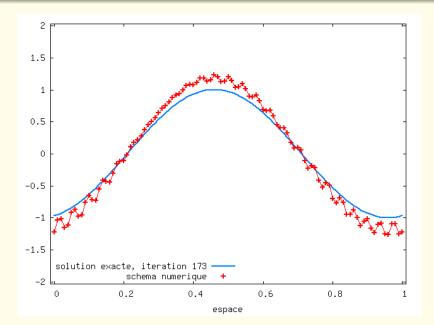


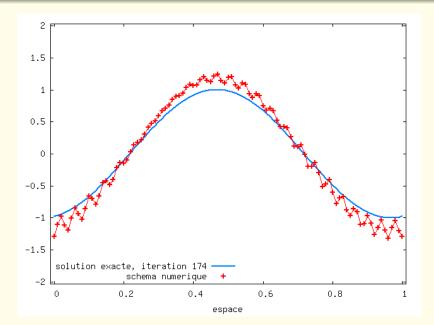


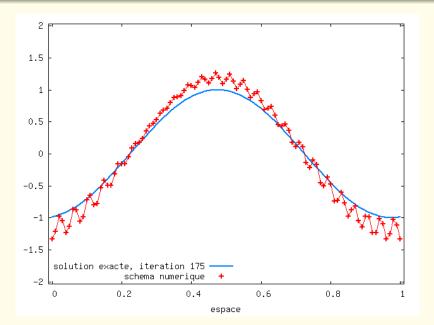


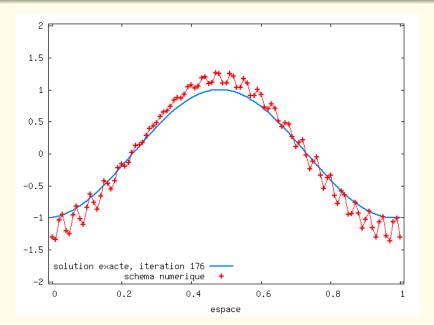


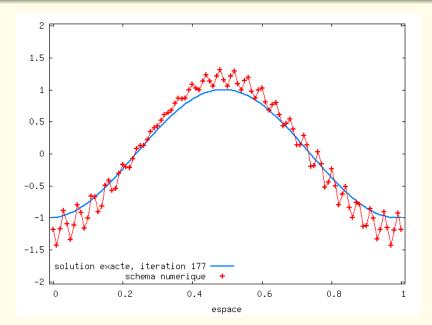


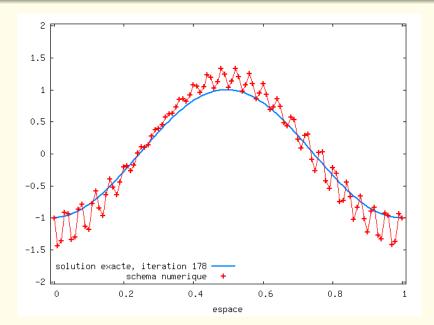


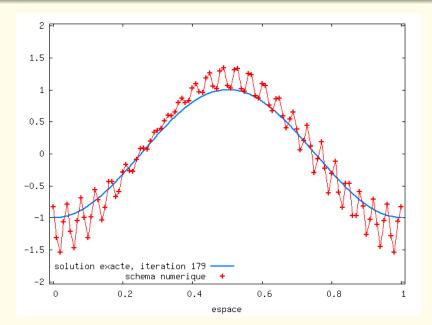


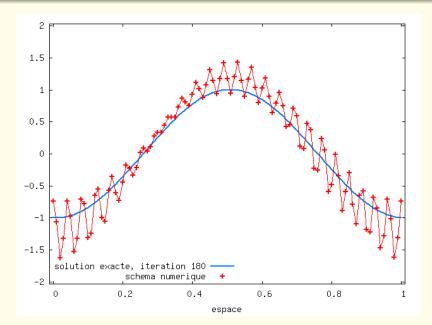


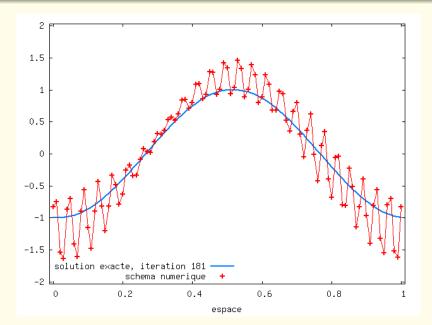


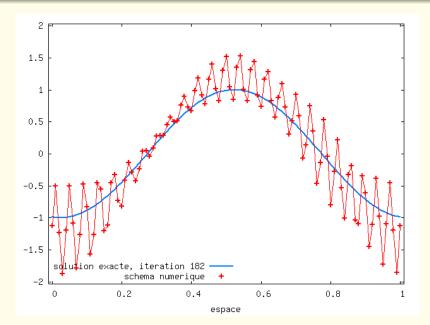


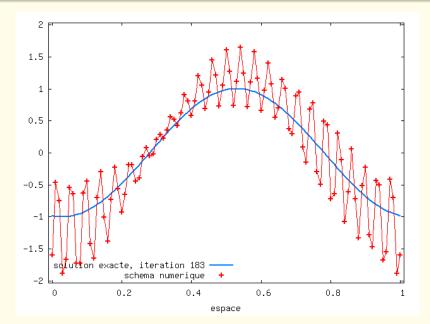


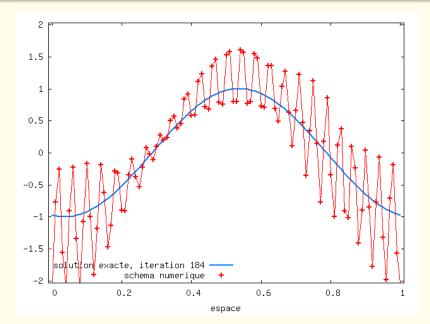


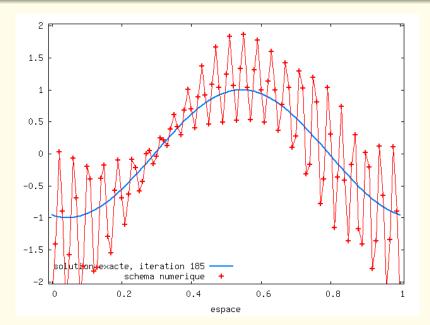


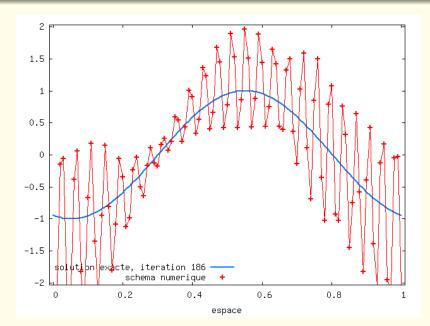


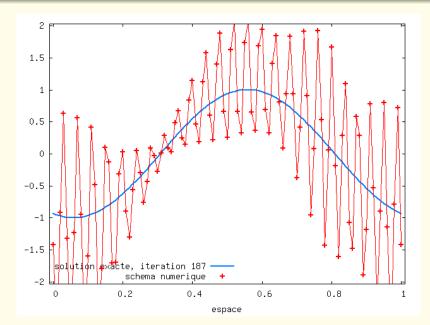






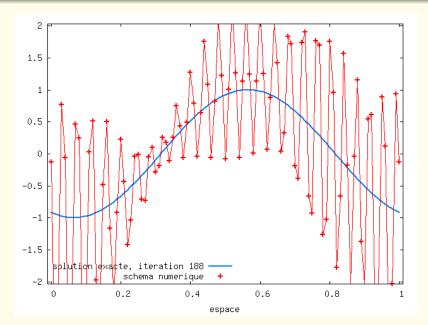






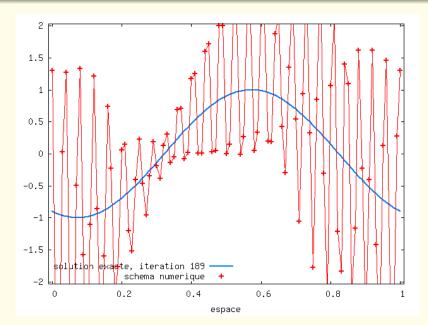
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Schéma instable



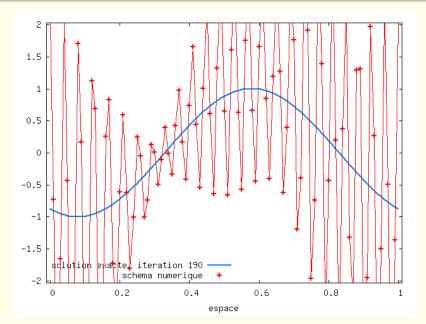
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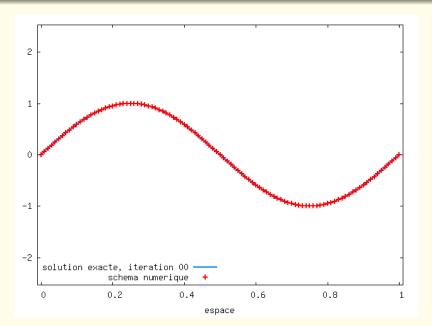
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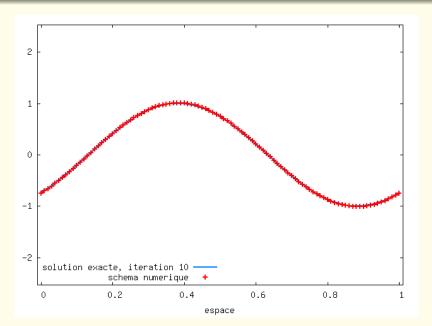


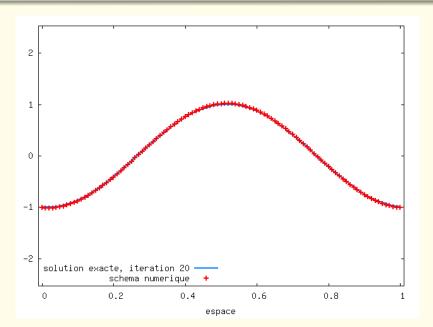
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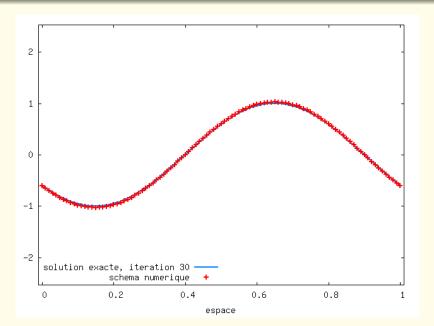
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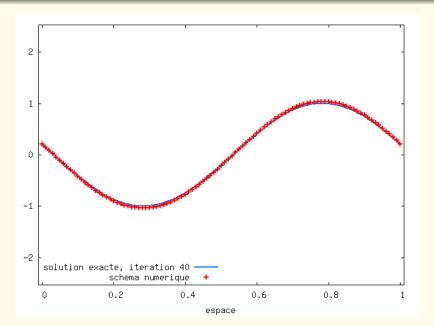


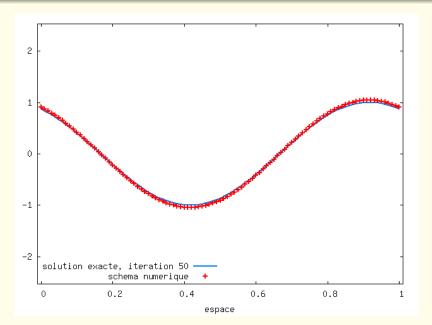


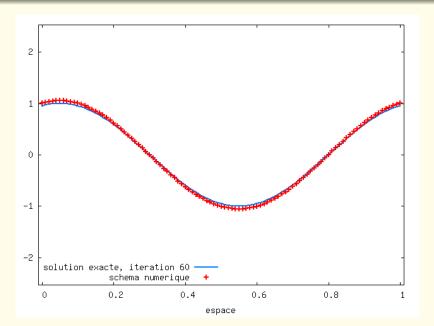


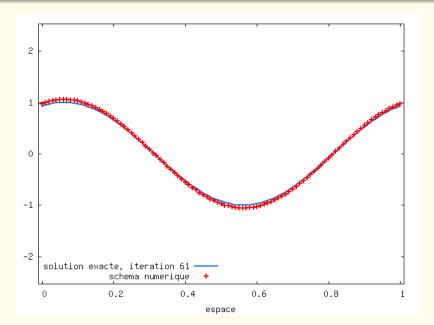


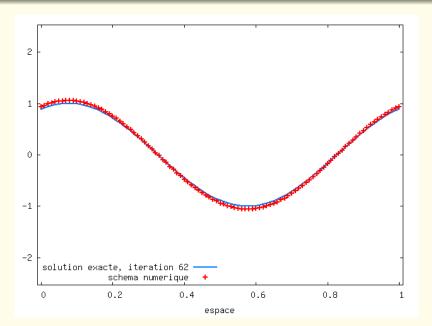


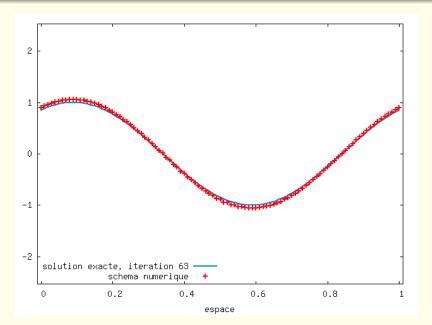


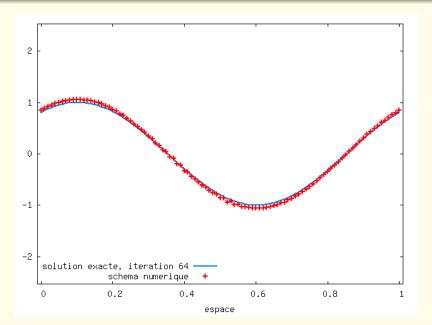


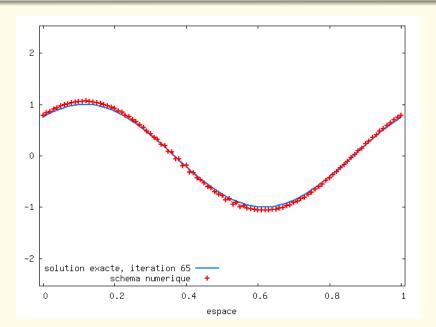


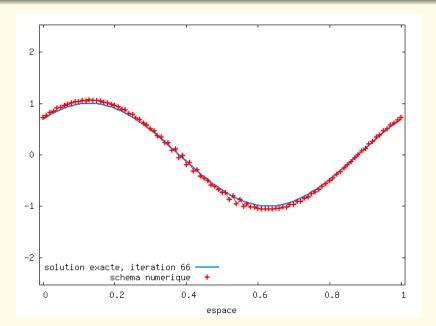


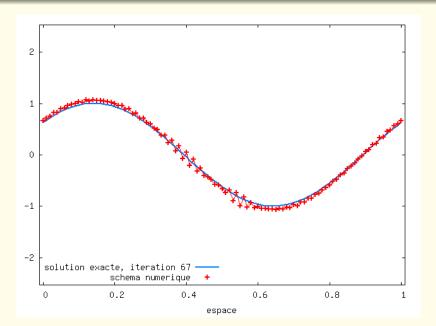


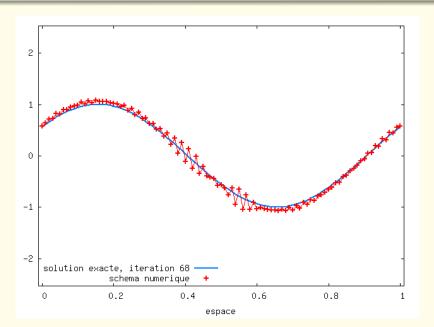


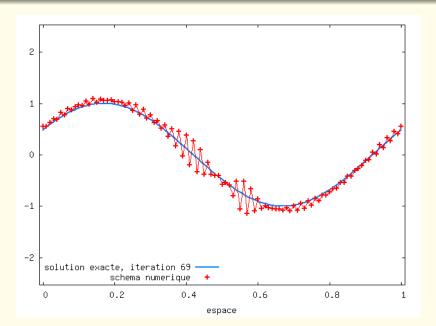


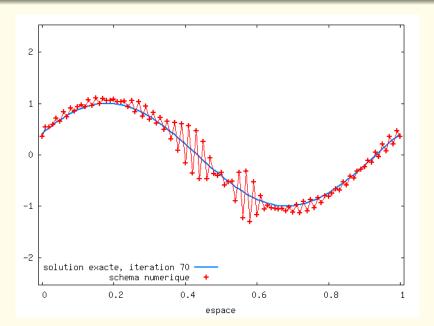


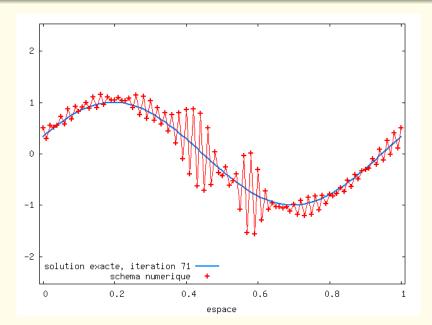


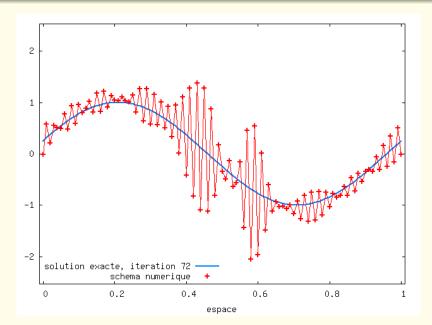


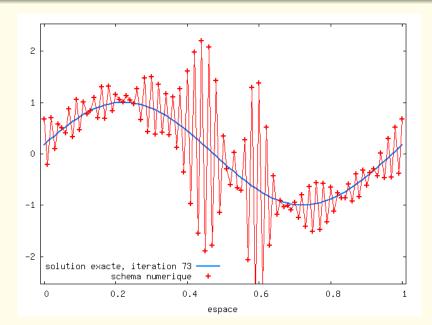


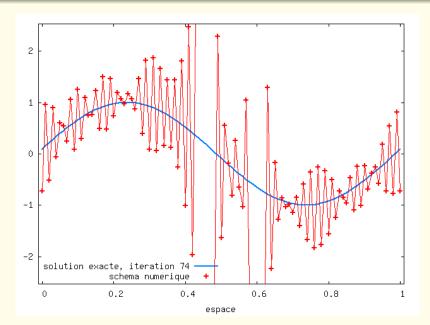


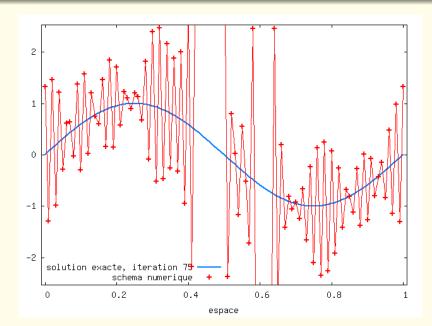


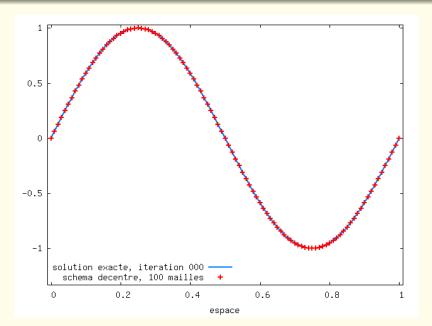


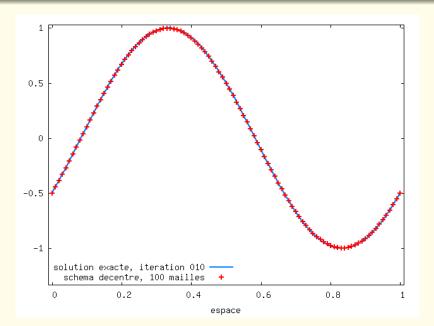


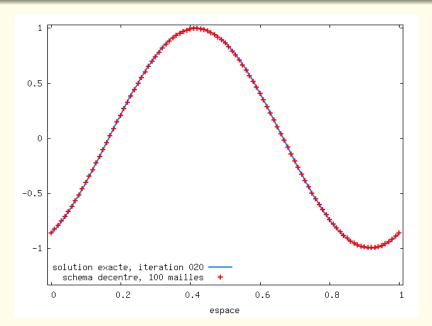


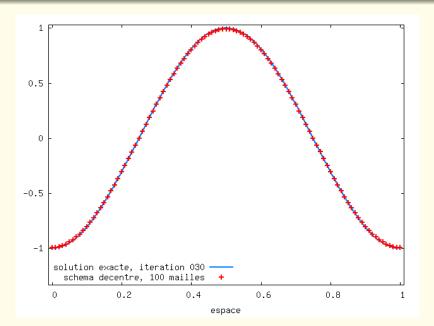


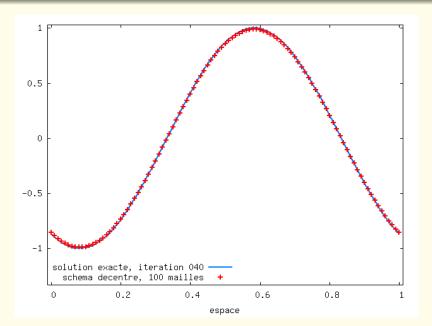


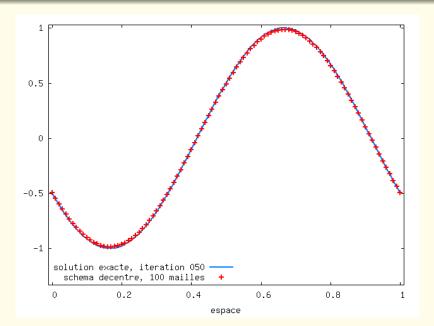


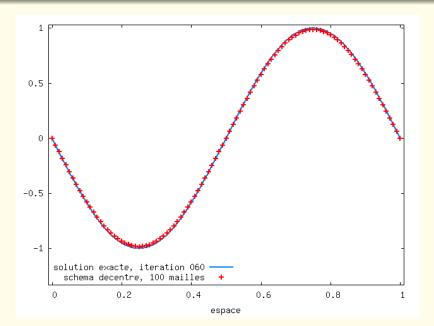


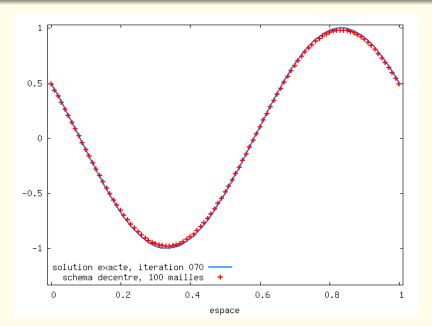


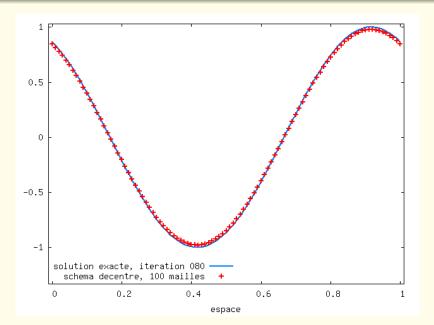


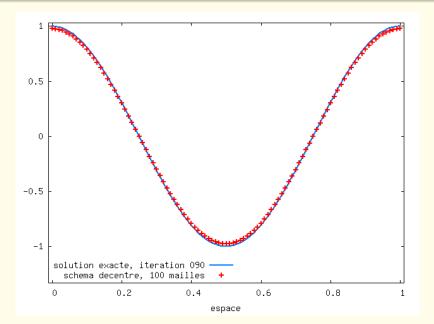


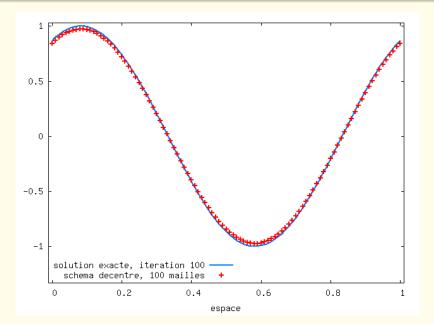


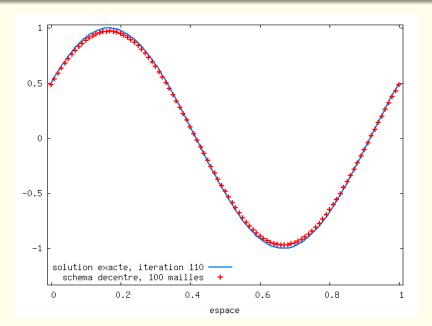


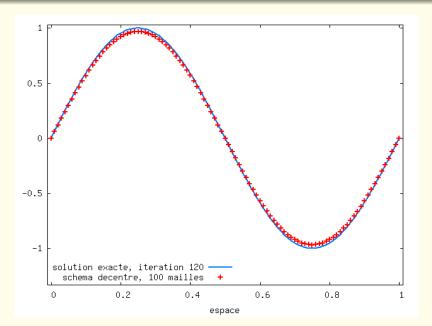












Convergence du schéma décentré, pente = -0.9454

