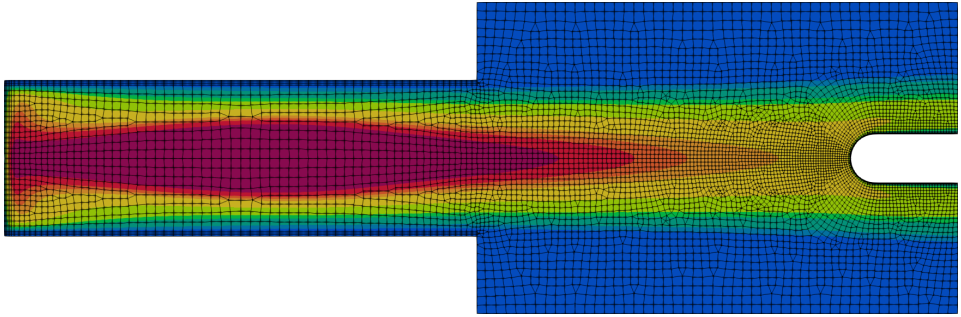
A Hybridized Discontinuous Galerkin Solver for Inductively Coupled Plasma

Nicolas Corthouts



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Introduction

Etats de la matière: eau à pression atmosphérique

Solide	Liquide	Gaz
		

[1] https://www.assistancescolaire.com/eleve/3e/physique-chimie/reviser-une-notion/les-%20etatsde-la-matiere-et-les-changements-d-etat-3_pc_01/print?print=1&printSheet=1

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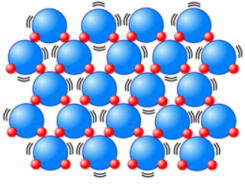	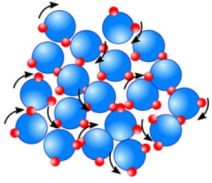	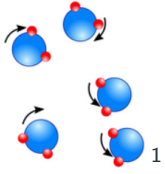

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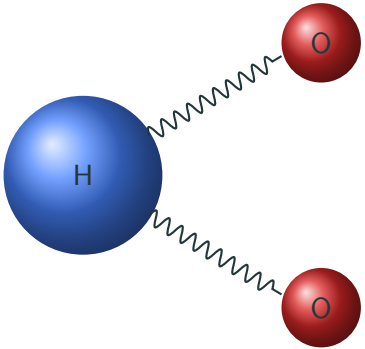
Translation, rotation et vibration

Que se passe-t-il si on chauffe encore plus notre eau?



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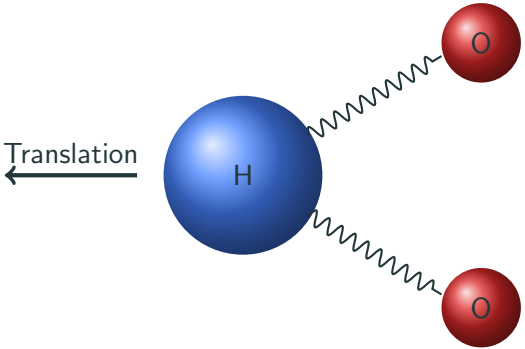

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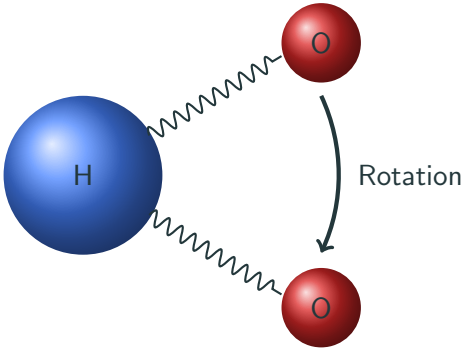

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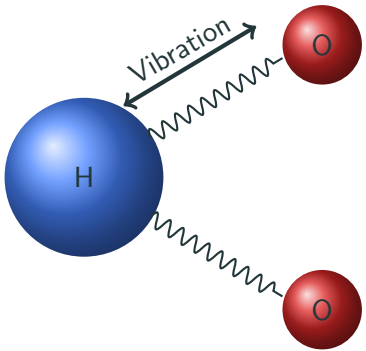

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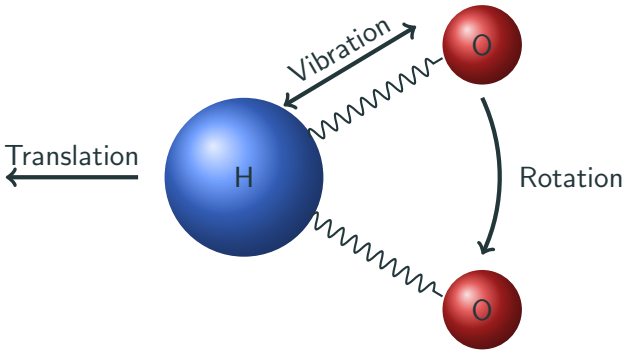
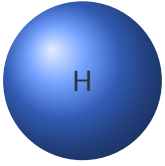


Excitation et ionization



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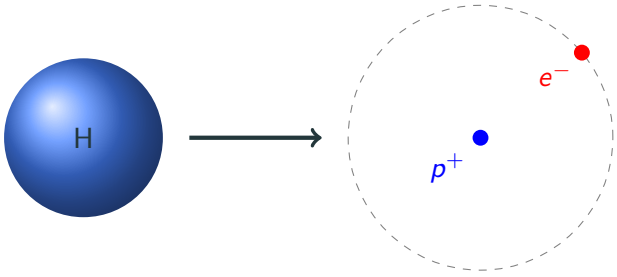

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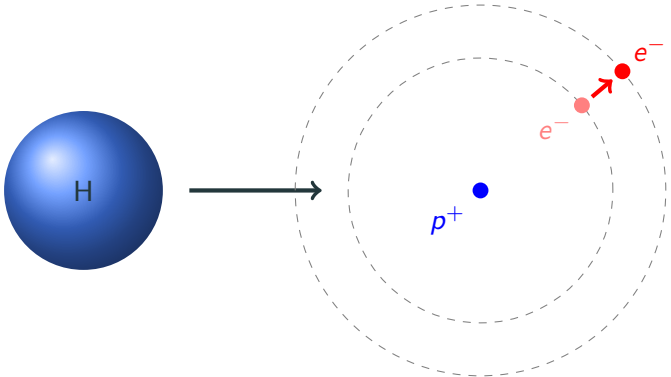
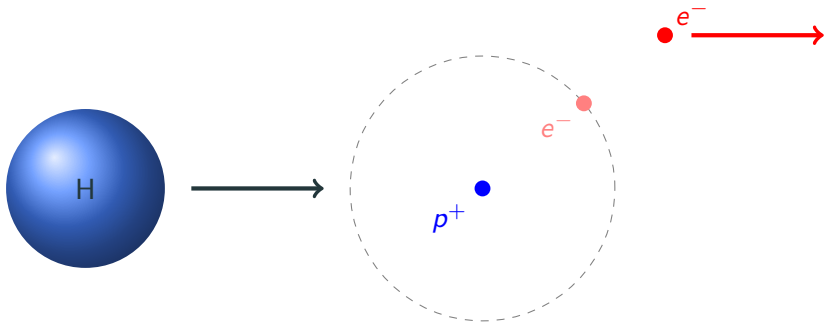


Si l'énergie reçue le permet, l'électron est dans un état **excité**. Il reviendra à son état initial en émettant de la lumière: c'est la **radiation**.

Excitation et ionization



Si l'énergie reçue est trop grande, l'électron est arraché: il devient **libre**.