

Figure 1 – Exemple de champ vectoriel.

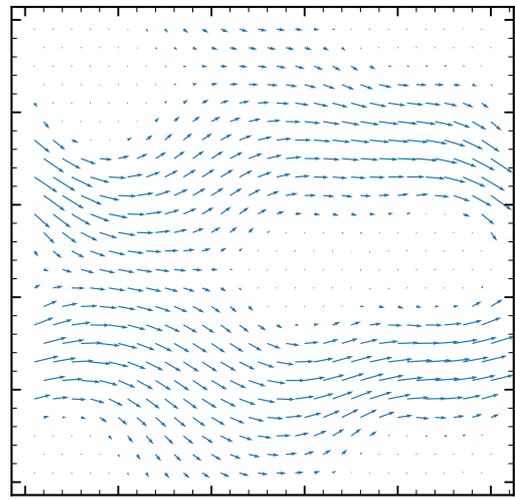
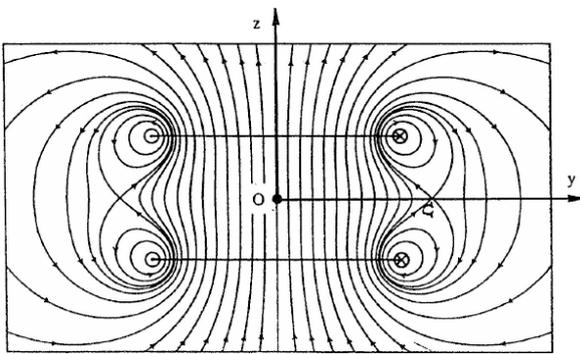
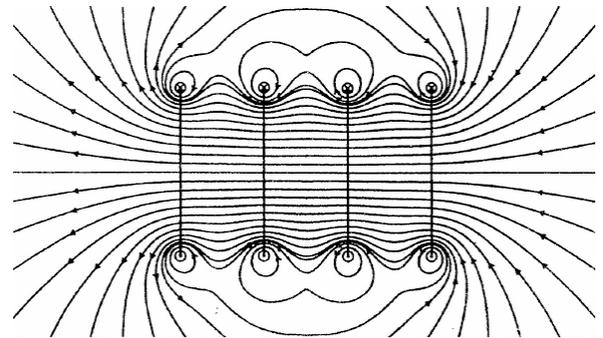


Figure 1 – Exemple de champ vectoriel.



(a) Bobines de Helmholtz.



(b) Solénoïde à quatre bobines.

Figure 4 – Champ de bobines.

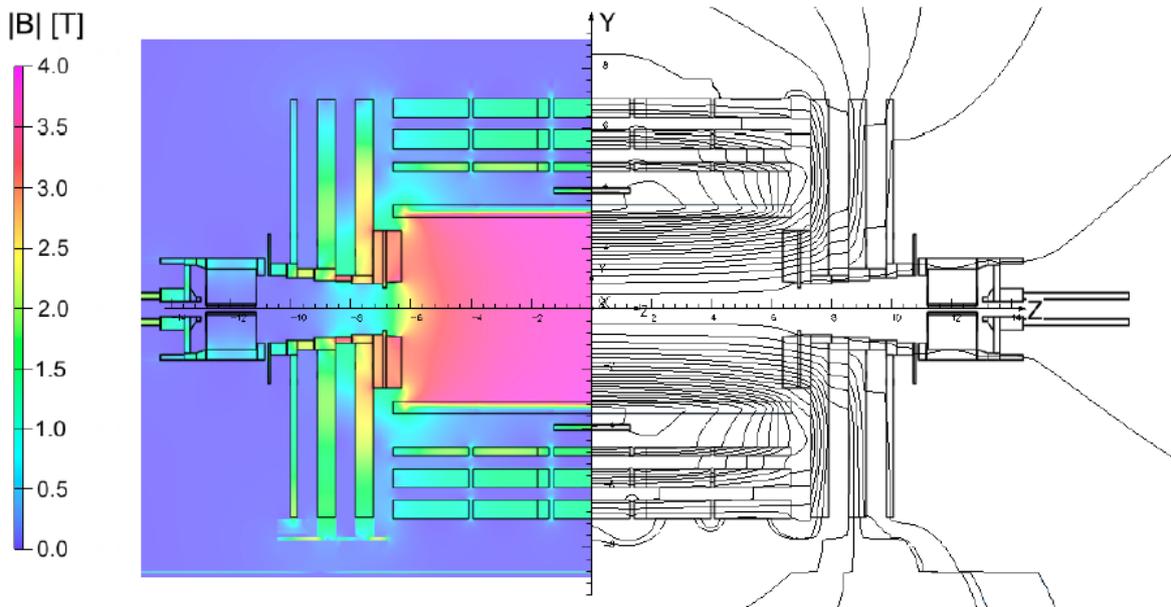
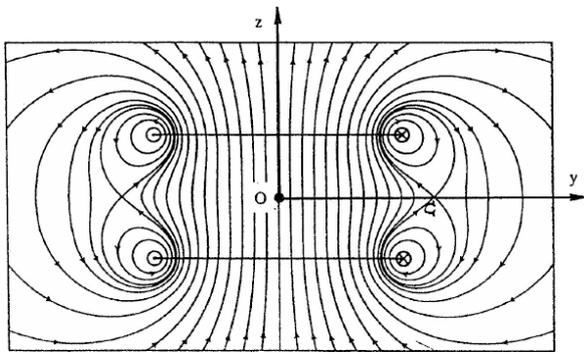
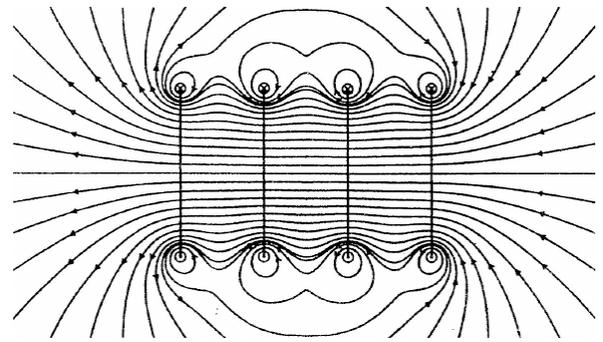


Figure 5 – Norme du champ magnétique (à gauche) et lignes de champ (à droite) dans la section longitudinale du détecteur CMS. Chaque ligne de champ correspond à un flux magnétique de 6 Wb. The CMS Collaboration. « Precise mapping of the magnetic field in the CMS barrel yoke using cosmic rays ». Journal of Instrumentation 5 (mars 2010). DOI : [10.1088/1748-0221/5/03/t03021](https://doi.org/10.1088/1748-0221/5/03/t03021)



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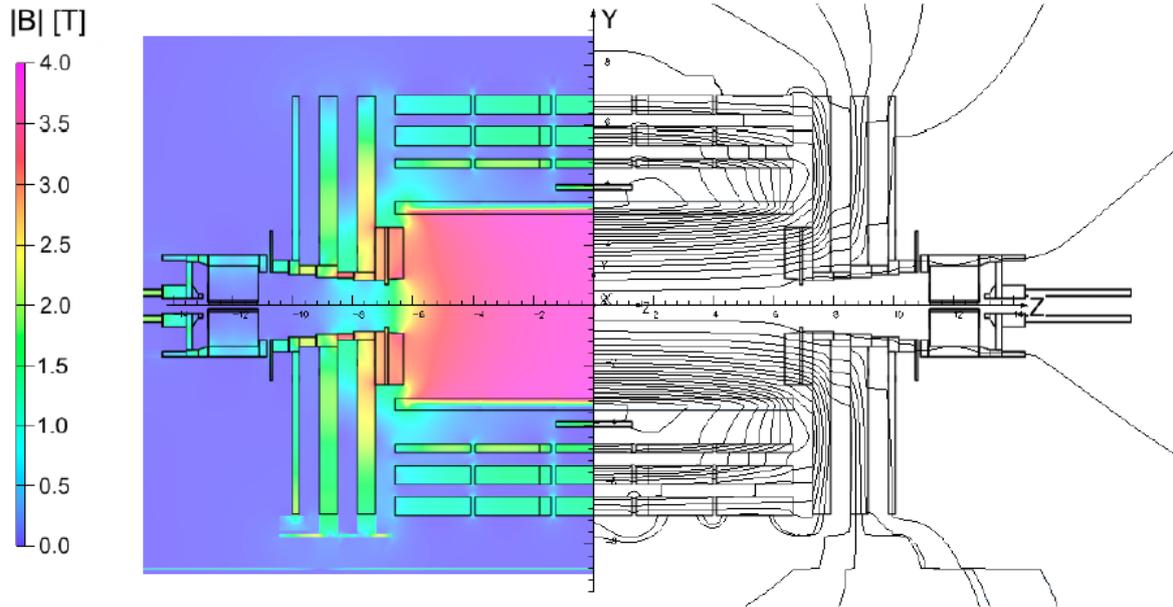
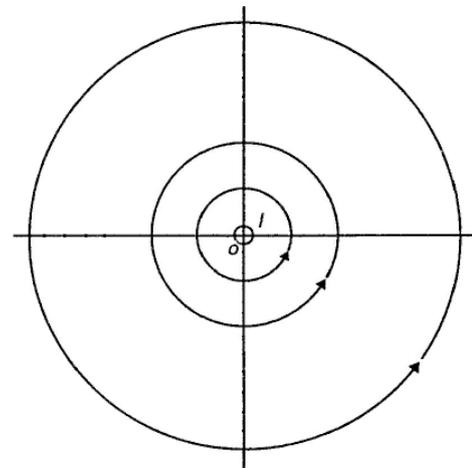


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(a) Utilisation de poudre de fer.

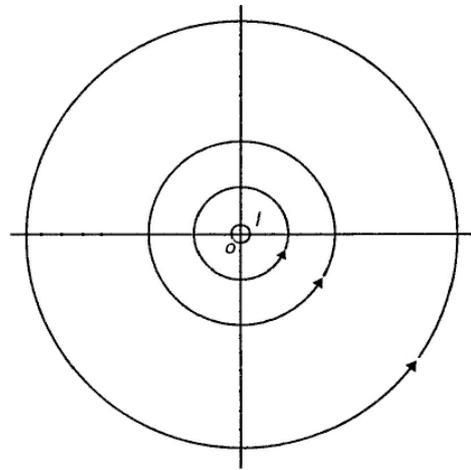


(b) Lignes de champ.

Figure 2 – Champ du fil infini.

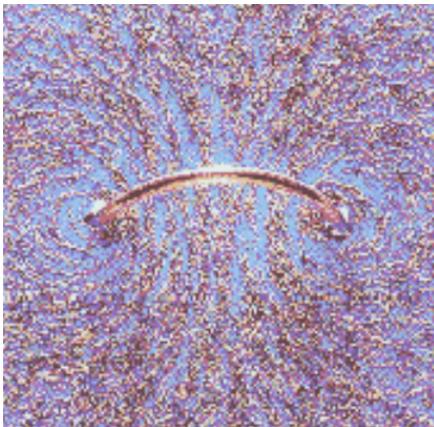


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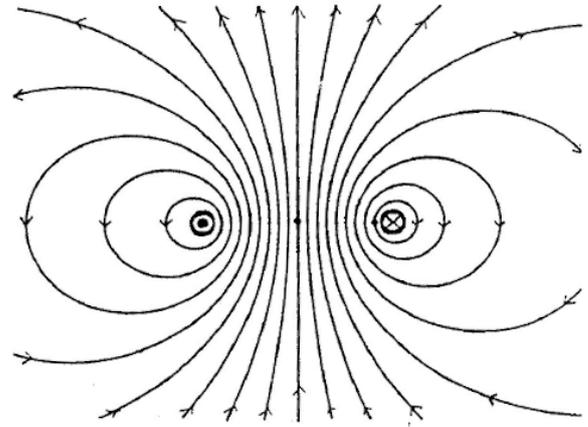


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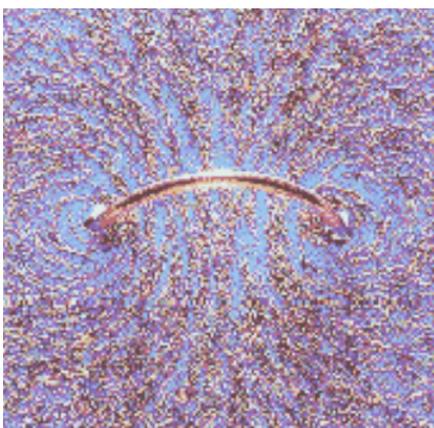


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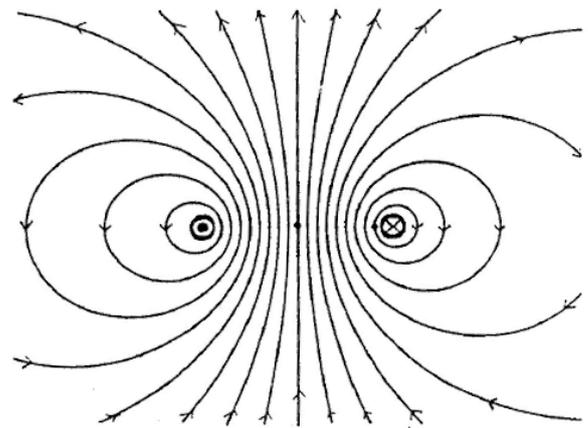


(b) Lignes de champ.

Figure 3 – Champ d'une spire.

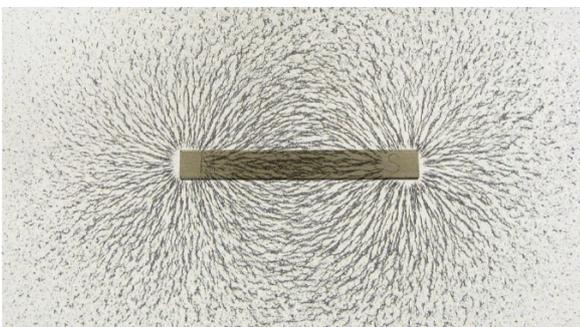


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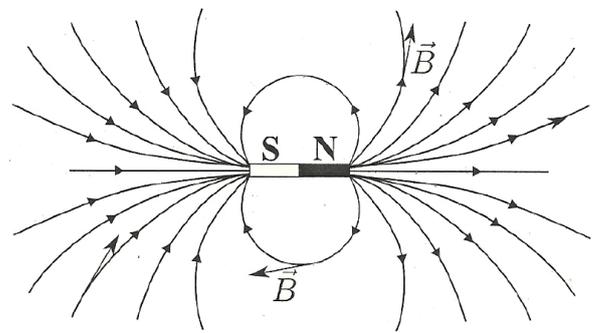


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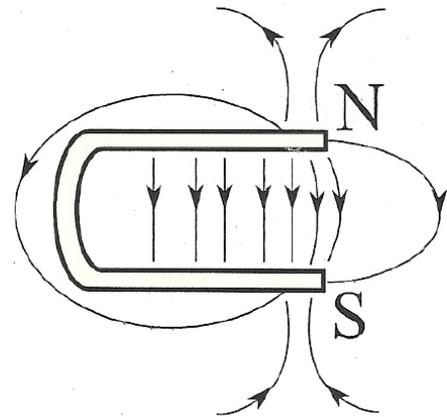


(b) Lignes de champ.

Figure 6 – Champ d'un aimant permanent droit.

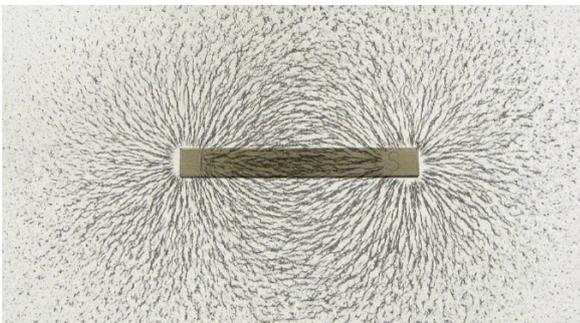


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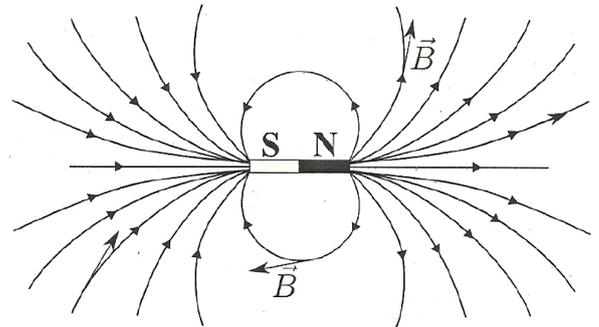


(b) Lignes de champ.

Figure 7 – Champ d'un aimant permanent en U.



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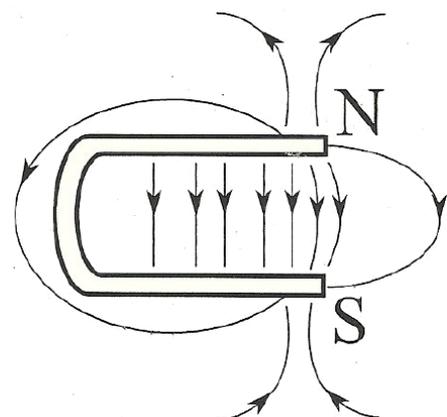


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