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The Blandford-Znajek theory revisited

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How powerful relativistic jets are generated is still one of the most important topics of the modern astrophysics. One of the most interesting and adopted theories was developed by Blandford and Znajek in 1977 with reference to jets from black holes. In the present work, I would like to draw the attention on some relatively unexplored features of the theory, with particular reference to the analogies with electromagnetic generators.

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