

## Relativistically-Streaming Plasmas Containing Dynons

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Burman's generalized Ohm's law for relativistically-streaming plasmas was obtained for particles endowed with both electric (Fig. 1) and magnetic charge (Fig. 2).

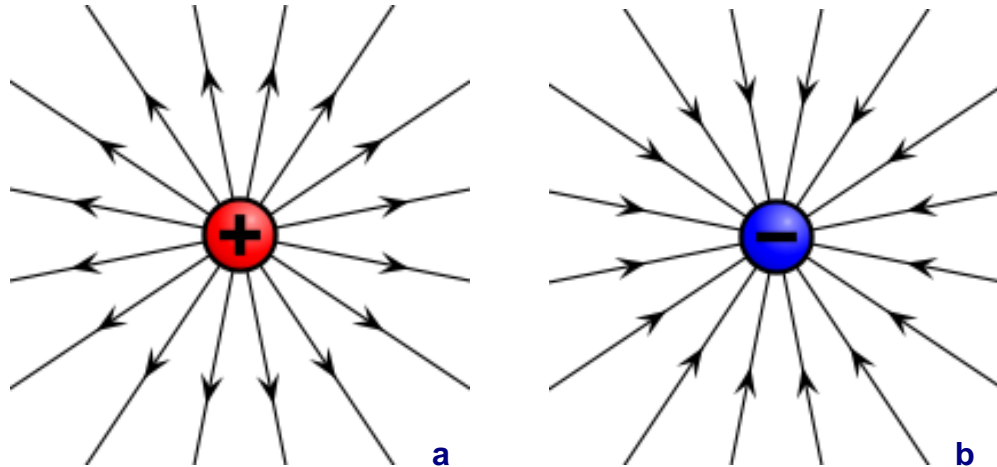


Fig. 1. Electric lines of force generated by (a) a positive charge (source) and (b) a negative charge (sink)

Binary plasmas were, also, treated and the results were compared with Burman's results.  
[Mathematical derivation](#)

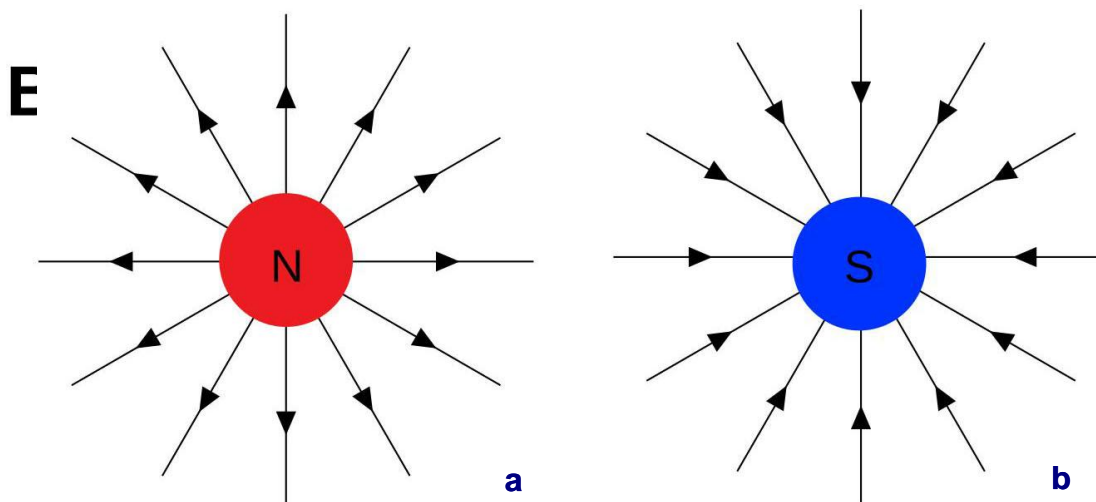


Fig. 2. Magnetic lines of force generated by (a) a north monopole (source) and (b) a south monopole (sink)

**Keywords:** Binary plasmas • Generalized Ohm's law • Magnetic charge

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