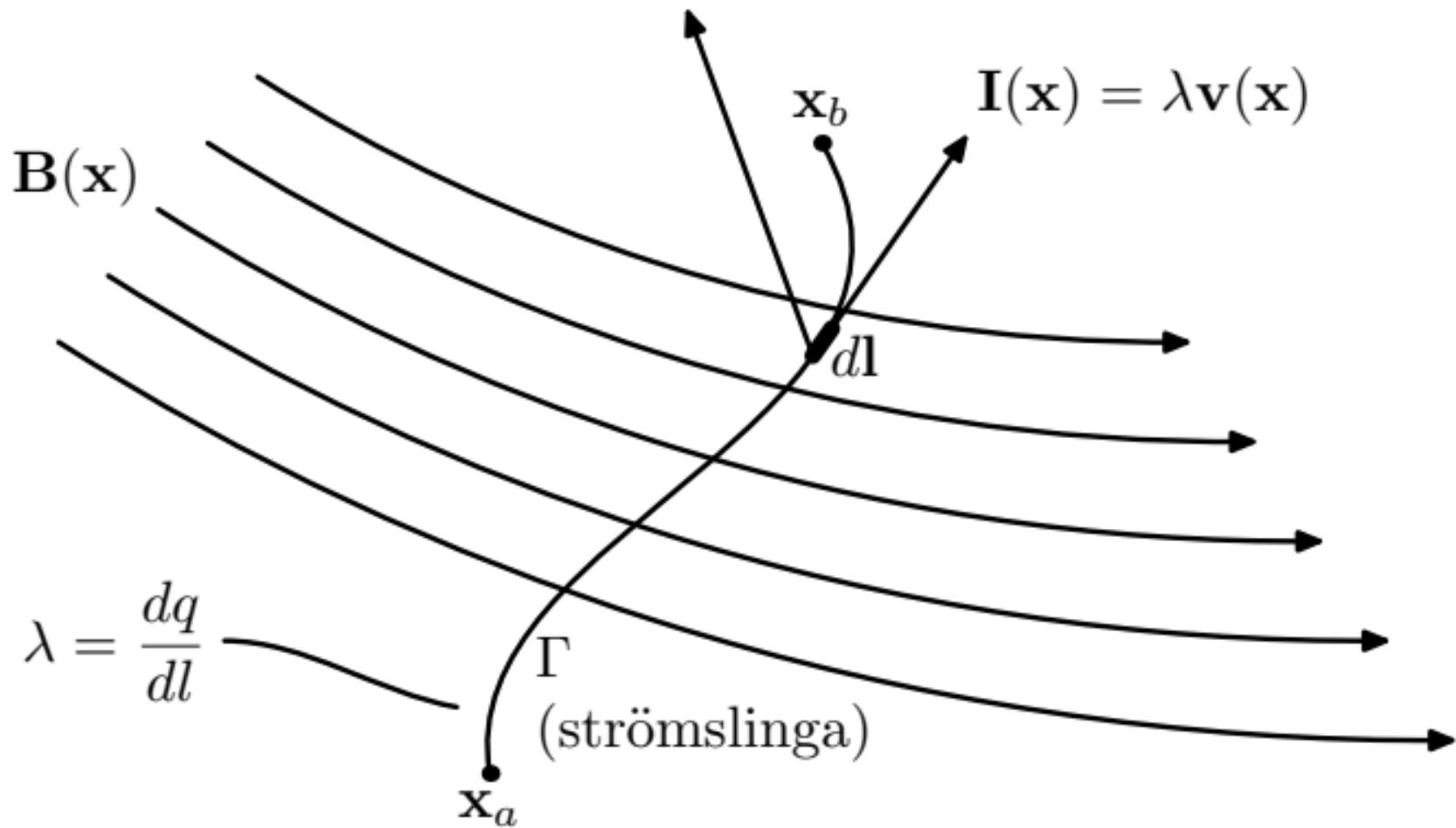


$$d\mathbf{F}_{\text{mag}} = \mathbf{v} \times \mathbf{B} dq$$



$$dq = \lambda dl \quad \Leftrightarrow \quad \lambda = \frac{dq}{dl}$$

x_a