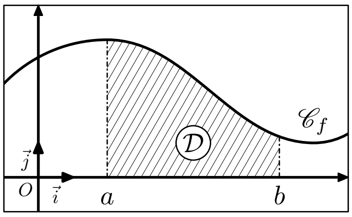
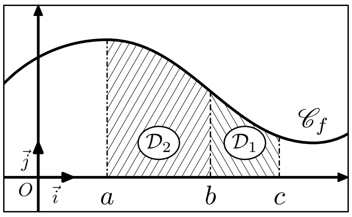
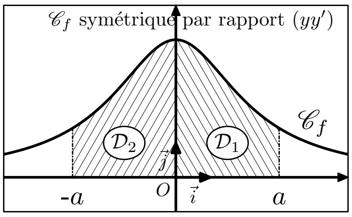


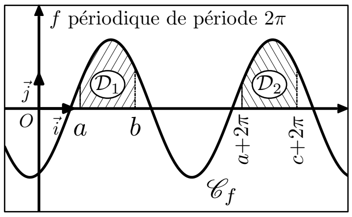
$$\mathcal{A}_{\mathcal{D}} = \int_a^b f(x)\,\mathrm{d}x$$



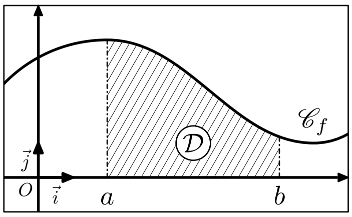
$$\int_a^b f(x)\,\mathrm{d}x + \int_b^c f(x)\,\mathrm{d}x = \int_a^c f(x)\,\mathrm{d}x$$



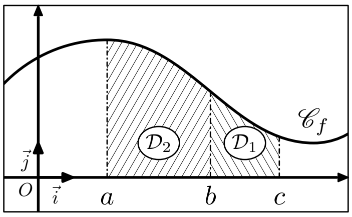
$$\int_{-a}^0 f(x)\,\mathrm{d}x = \int_0^a f(x)\,\mathrm{d}x$$



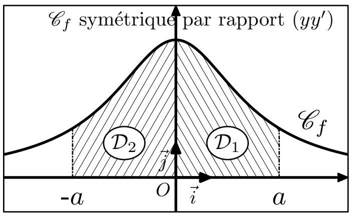
$$\int_a^b f(x)\,\mathrm{d}x = \int_{a+2\pi}^{b+2\pi} f(x)\,\mathrm{d}x$$



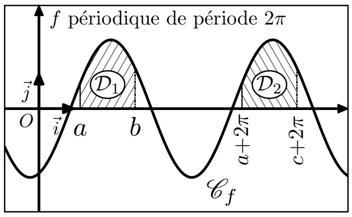
$$\mathcal{A}_{\mathcal{D}} = \int_a^b f(x)\,\mathrm{d}x$$



$$\int_a^b f(x)\,\mathrm{d}x + \int_b^c f(x)\,\mathrm{d}x = \int_a^c f(x)\,\mathrm{d}x$$



$$\int_{-a}^0 f(x)\,\mathrm{d}x = \int_0^a f(x)\,\mathrm{d}x$$



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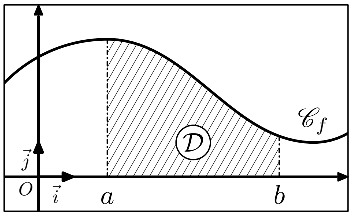

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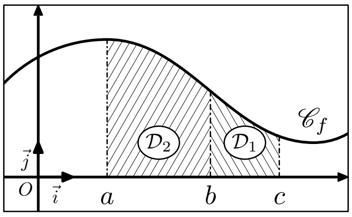
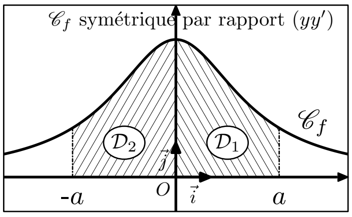


$$\int_a^b f(x)\,\mathrm{d}x + \int_b^c f(x)\,\mathrm{d}x = \int_a^c f(x)\,\mathrm{d}x$$



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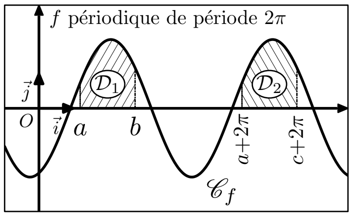
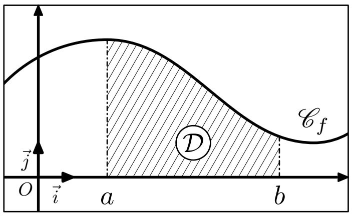


$$\int_a^b f(x)\,\mathrm{d}x = \int_{a+2\pi}^{b+2\pi} f(x)\,\mathrm{d}x$$



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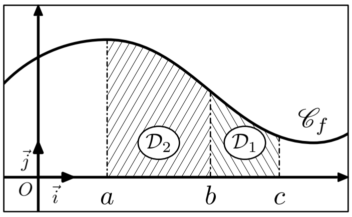

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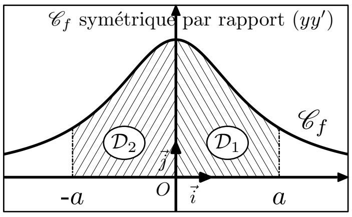

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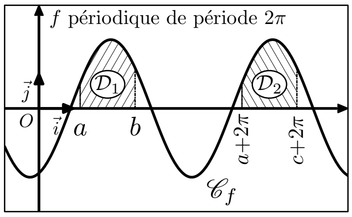
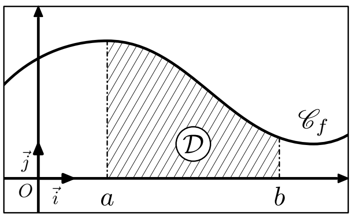


$$\int_a^b f(x)\,\mathrm{d}x = \int_{a+2\pi}^{b+2\pi} f(x)\,\mathrm{d}x$$



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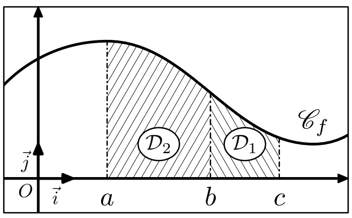

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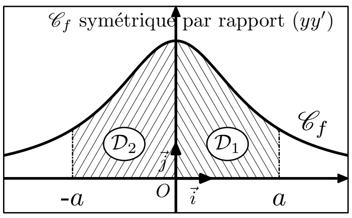

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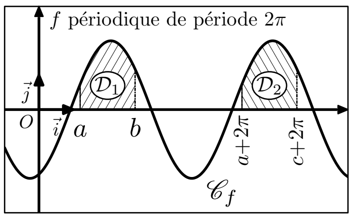

$$\int_a^b f(x)\,\mathrm{d}x = \int_{a+2\pi}^{b+2\pi} f(x)\,\mathrm{d}x$$