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# Dispersive Estimates for the Semi classical Schrödinger Flow inside General Convex Domains and Applications to the Cubic NLS in 3D

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We obtain fixed time decay rate for the linear semi-classical Schrödinger flow inside a general strictly convex domain.
Corresponding Strichartz estimates allow to solve the cubic NLS on such 3D convex domains. This is joint work with F.Planchon

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