	doc_1		doc_2		decision	id
	authors	Frank, Rupert L.     Lieb, Elliott H.     Sabin, Julien	authors	<ul> <li>Frank, Rupert L.</li> <li>Lieb, Elliott H.</li> <li>Sabin, Julien</li> </ul>		
	title	Maximizers for the Stein–Tomas Inequality	title	Maximizers for the Steinâ€"Tomas Inequality		
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	urls	https://core.ac.uk/download/77928335.pdf	urls	https://core.ac.uk/download/216253035.pdf		
	id	id-2511109014229615191	id	id-1378779717344449052		
	abstract	We give a necessary and sufficient condition for the precompactness of all optimizing sequences for the Stein–Tomas inequality. In particular, if a well-known conjecture about the optimal constant in the Strichartz inequality is true, we obtain the existence of an optimizer in the Stein–Tomas inequality. Our result is valid in any dimension	abstract	We give a necessary and sufficient condition for the precompactness of all optimizing sequences for the Stein–Tomas inequality. In particular, if a well-known conjecture about the optimal constant in the Strichartz inequality is true, we obtain the existence of an optimizer in the Stein–Tomas inequality. Our result is valid in any dimension		
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