Fitanium has three common oxidation states, +II, +III and +IV. Using the box notation to represent atomic orbitals, predict whether compounds of Ti <sup>2+</sup> , Ti <sup>3+</sup> and Ti <sup>4+</sup> would be paramagnetic or diamagnetic.	HEM1102	2010-N-2	November 2010
s this complex chiral? Explain your reasoning.	notation to represent	atomic orbitals, predict whether c	and +IV. Using the box compounds of $Ti^{2+}$ , $Ti^{3+}$ and
s this complex chiral? Explain your reasoning.			
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s this complex chiral? Explain your reasoning.			
s this complex chiral? Explain your reasoning.			
s this complex chiral? Explain your reasoning.			
			$r_2(en)_2$ ] and draw its structure.