

Prime Tight Frames
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In this talk, I will introduce a class of finite tight frames called prime tight frames, and prove some of their elementary properties. In particular, I will show that every finite tight frame with redundancy less than 2 is prime. Moreover, any tight frame can be written as a finite union of prime ones. Finally, I will illustrate these results by considering the family of harmonic tight frames. The talk is based on joint work with C. Miller and J. Lemvig.