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Yang Wang* (yangwang@ust.hk), Department of Mathematics, Hong Kong Univ. of Science and Technology, Kowloon, Hong Kong. *Erasure Robust Frames.*

An important problem in the study of frames is the robustness of a frame against erasure. There is a wealth of literature on this problem. One interesting question is: in the worst case how many elements in a frame can one remove while still maintains robustness? It has been conjectured that to maintain worst case robustness one cannot remove more than 50 percent of the frame elements. In this talk, I will show that erasure robustness can be attained with erasures of arbitrary proportion. (Received September 14, 2014)