

## REMARKS ON SCALABLE FRAMES

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*Abstract.* This paper investigates scalable frame in  $\mathbb{R}^n$ . We define the reduced diagram matrix of a frame and use it to classify scalability of the frame under some conditions. We give a new approach to the scaling problem by breaking the problem into two smaller ones, each of which is easier to solve, giving a simpler way to check scaling. Finally, we study the scalability of dual frames.

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