

34. Zvi Artstein and Gideon Schechtman. **Positive definite forms generated by integrals and weak limits.** J. Mathematical Analysis and Applications 92 (1983), 114-118.

Abstract. A result on integration of a sequence of matrix-valued functions is presented. It implies, roughly, that if the integrals are uniformly positive definite then there is a sequence of sign-changing matrices which, when applied to the original sequence, yield a weakly converging subsequence with a limit whose integral is positive definite.

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