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Azita Mayeli* (amayeli@gc.cuny.edu), The Graduate Center, Mathematics Department, 365 Fifth Avenue, New York, NY 10016. *A correspondence between Paley-Wiener spaces and exponential bases*. Preliminary report.

We shall investigate the connection between translation bases for Paley-Wiener spaces and exponential Fourier bases for a domain. We apply these results to the problem of characterization of vector-valued time-frequency translates of a Paley-Wiener signal. (Received September 11, 2014)