

1106-11-2134 **Scott Zinzer*** (szinzer@asu.edu), 901 S Palm Walk, Tempe, AZ 85287. *p-adic measures on \mathbb{Z}_p and \mathbb{Z}_p^2* . Preliminary report.

Let \mathcal{O} be the ring of integers of a complete extension of \mathbb{Q}_p . We describe a procedure for converting certain collections of \mathcal{O} -valued measures on \mathbb{Z}_p into \mathcal{O} -valued measures on \mathbb{Z}_p^2 . We then derive some properties of measures constructed in this way and study the Γ -transform of these measures. (Received September 15, 2014)