

## RANDOM VECTORS

## Definition

A random vector is a random variables whose values are vectors.

## Notation

Let  $x:\Omega\to \mathbf{R}^n$  be a random vector, so that

$$x(\omega) = \begin{bmatrix} x_1(\omega) \\ x_2(\omega) \\ \dots \\ x_3(\omega) \end{bmatrix}.$$

