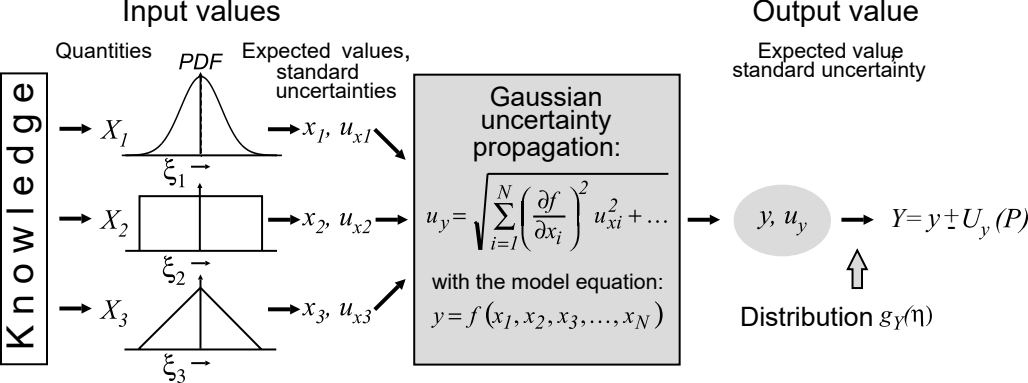
Input values
Output value
Quantities
PDF
Expected values, standard uncertainties
Expected value standard uncertainty
Knowledge
X_1
X_2
X_3
ξ_1
ξ_2
ξ_3
x_1, u_{x1}
x_2, u_{x2}
x_3, u_{x3}
Gaussian uncertainty propagation:
$u_y = \sqrt{\sum_{i=1}^{N} \left(\frac{\partial f}{\partial x_i} \right)^2 u_{xi}^2 + \ldots}$
with the model equation:
$y = f(x_1, x_2, x_3, \ldots, x_N)$
y, u_y
$Y = y \pm U_y (P)$
Distribution $g_Y(\eta)$