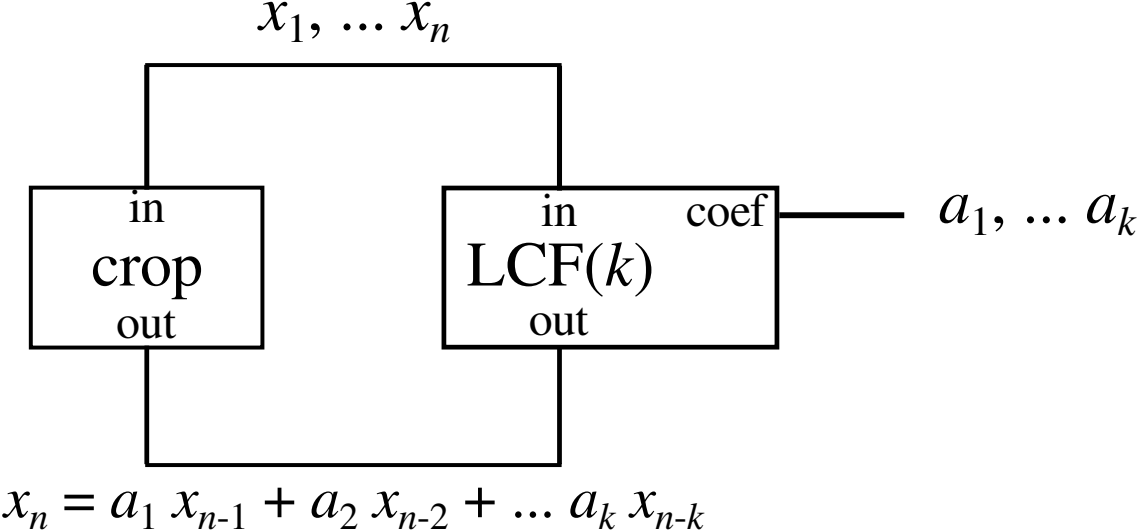
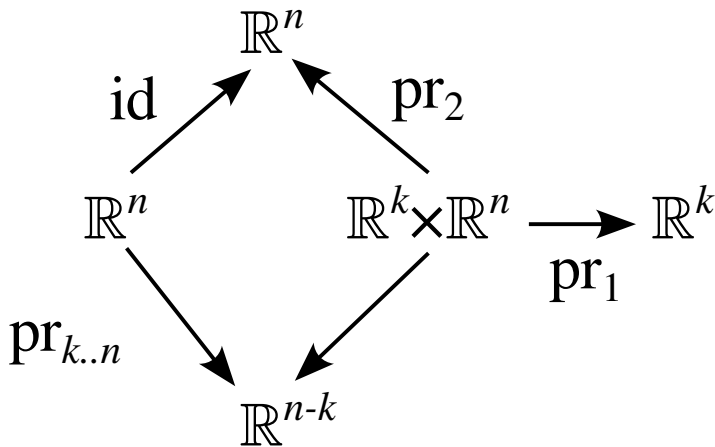

$x_1, \ldots x_n$
in
crop
out
in
coef
LCF(k)
out
$a_1, \ldots a_k$
$x_n = a_1\, x_{n-1} + a_2\, x_{n-2} + \ldots a_k\, x_{n-k}$

(a)


$\mathbb{R}^n$
id
pr_2
$\mathbb{R}^n$
$\mathbb{R}^k \times \mathbb{R}^n$
$\mathbb{R}^k$
pr_1
$\mathrm{pr}_{k..n}$
$\mathbb{R}^{n-k}$

(b)