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K

$$R = \frac{\mathbb{Z}[x]}{(2x-1)}$$

$$R(x) = \frac{\mathbb{Z}[x]}{(2x-1)} \text{ Mod}(-, -)$$

$$S \langle y \rangle = K[x]$$

$$\mathbb{Q}[x]$$

$$\mathbb{Z}[\frac{1}{2}][x]$$

[[heh!]]

$$R([1,2,7])$$

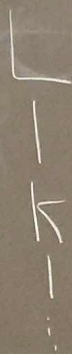
S is " $K[y]$ "

$$\begin{matrix} a+b \\ b+a \end{matrix}$$

$$R \langle x \rangle = \mathbb{Z}\mathbb{Z}[x]$$

$$x + \frac{1}{2}$$

$$L \langle a \rangle = \text{Number Field}(y^2 - K.0)$$



$$a + K.0 + \frac{2}{3}$$

$$\mathbb{Q}(\sqrt{1})$$

z.parent()

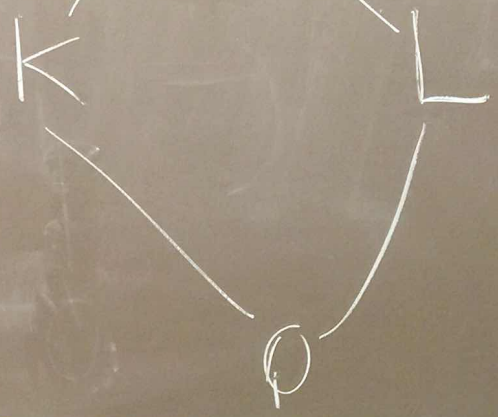
$$S \langle w \rangle = K \text{ extension}(y^2 - K.0, 'w')$$

$\mathbb{Q} + \text{telman}$
 \times \backslash \cup

% magma-free

$M(\rightarrow)$

\mathbb{Q}
 \downarrow
 $K, L = M$



K-embeddings (M)