

$$\begin{array}{c}
 \mathbf{T} \\
 \left( \begin{array}{ccccc}
 f_{11} & f_{12} & f_{13} & f_{14} & f_{15} \\
 f_{21} & f_{22} & f_{23} & f_{24} & f_{25} \\
 f_{31} & f_{32} & \boxed{f_{33}} & f_{34} & f_{35} \\
 f_{41} & f_{42} & f_{43} & f_{44} & f_{45} \\
 f_{51} & f_{52} & f_{53} & f_{54} & f_{55}
 \end{array} \right)
 \end{array}
 ,
 \begin{array}{c}
 \left( \begin{array}{ccc}
 w_{-1-1} & w_{-10} & w_{-11} \\
 & w_{00} & \\
 w_{10} & w_{11} &
 \end{array} \right)
 \end{array}
 \begin{array}{c}
 \text{centre:} \\
 y=(0,0)
 \end{array}
 \left( \begin{array}{c}
 \mathbf{X}
 \end{array} \right)
 =
 \mathbf{R_g}
 \begin{array}{c}
 \left( \begin{array}{ccccc}
 f_{11} & f_{12} & f_{13} & f_{14} & f_{15} \\
 f_{21} & R_1 & R_1 & f_{24} & f_{25} \\
 & (f_{22}, w_{11}) & (f_{22}, w_{10}) & & \\
 f_{31} & f_{32} & R_1 & f_{34} & f_{35} \\
 & & (f_{22}, w_{00}) & & \\
 f_{41} & R_1 & R_1 & R_1 & f_{45} \\
 & (f_{22}, w_{-11}) & (f_{22}, w_{-10}) & (f_{22}, w_{-1-1}) & \\
 f_{51} & f_{52} & f_{53} & f_{54} & f_{55}
 \end{array} \right)
 \end{array}$$

Image  $f$ , avec  $f(\mathbf{x})=f_{33}$

Noyau  $w$  de la couche

$R_1$  : relation(s) locale(s)  
 $R_g$  : relation globale