

## WEB Y BIBLIOGRAFIA

[http://www.ine.es/dyngs/INEbase/es/operacion.htm?c=Estadistica\\_C&cid=1254736165950&menu=enlaces&idp=1254735576581](http://www.ine.es/dyngs/INEbase/es/operacion.htm?c=Estadistica_C&cid=1254736165950&menu=enlaces&idp=1254735576581)

<http://www.ine.es/daco/daco42/cne00/cneio2000.htm>

**EUROSTAT. (2008). Eurostat Manual of Supply, Use and Input-Output Tables. Eurostat methodologies and working papers. ISSN 1977-0375**

## VARIABLES A UTILIZAR EN LA CONVERSIÓN

### Matriz origen

$V^t$  = Supply matrix (product by industry), industry  $j$  has produced the good  $i$ .

$Im$  = Imports matrix

$q$  = Column vector of product output

$g^T$  = Row vector of industry output

### Matriz destino

$U$  = Use matrix for intermediates (product by industry), industry  $j$  has consumed the good  $i$ .

$Y$  = Final demand matrix (product by category), demand of good  $i$ .

$y$  = Vector of final demand

$W$  = Value added matrix (components by industry), value added of industry  $j$ .

$w$  = Vector of value added

$q$  = Column vector of product output    $q^T$  = Row vector of product output

### Matriz simetrica industria por industria

$B$  = Matrix for intermediates (industry by industry);  $B = A * \text{diag}(g)$ .

$A = D * Z$ : Technical coefficients matrix.

$D = V * \text{inv}(\text{diag}(q-Im))$ : Market shares matrix (contribution of each industry to the output of a product)

**diag(q-Im) = Diagonal matrix of product output**

**Z = U \* inv(diag(g)): Input requirements for products per unit of output of an industry (intermediates)**

**diag(g) = Diagonal matrix of industry output**

**F = Final demand matrix (industry by category); F = D \* Y.**

**W = Value added matrix (components by industry); W = W.**

**m = D \* Im: imports matrix of the symmetric table.**

## MATRIZ SIMÉTRICA INDUSTRIA POR INDUSTRIA

	Industries $j$	Total	Final demand	Total use at purchaser prices
Industry $i$	<b>B</b>		<b>F</b>	<b><math>g + m</math></b>
Total intermediate consumption at basic prices				
Net taxes on products				
CIF/FOB adjustments				
Non-resident purchases in the economic territory				
Purchases of residents outside the economic territory				
Total intermediates at purchaser prices			<b><math>y</math></b>	
Wages and Social contributions	<b>W</b>	<b>w</b>		
Other net taxes on production	<b>W</b>	<b>w</b>		
Operating surplus	<b>W</b>	<b>w</b>		
Value added at basic prices				
Total output at basic prices	<b><math>g^T</math></b>			
EU imports	<b>M</b>			
RoW imports	<b>M</b>			
Total imports	<b>m</b>			
Total resources	<b><math>g^T + m</math></b>			