byd 
$$S_{k}^{\circ,N} L_{j}^{\circ,D} o \Rightarrow d[k,j]$$
  
 $S_{k}^{\circ,N} L_{j}^{\circ,M} \Sigma_{j}^{\circ,D} \times [\bar{v},j] + W_{k}[j] \Rightarrow S_{k}[k,\bar{v}]$   
 $S_{k}^{\circ,N} \Sigma_{j}^{\circ,M} L_{j}^{\circ,D} (s_{k}[k,\bar{v}] + \times [\bar{v},j]) \Rightarrow d_{k}[k,j]$   
 $\Sigma_{k}^{\circ,N} L_{j}^{\circ,D} (r * d_{k}[k,j]) \Rightarrow W_{k}[j]$ 

$$Ccsd\_onesize \\ \mathcal{L}_{a}^{0,V} \mathcal{L}_{b}^{0,V} \mathcal{L}_{c}^{0,V} \mathcal{L}_{i}^{0,V} \mathcal{L}_{k}^{0,V} \mathcal{L}_{k}^{0,V} \mathcal{L}_{i}^{0,V} \mathcal{$$

ccsd. multisize

 $\mathcal{L}_{i}^{0,m} \sum_{j}^{0,m} \mathcal{L}_{k}^{0,n} \sum_{\ell}^{0,n} \chi[i,\ell] * y[\ell,j] * s[j,k) \Rightarrow r[i,k]$   $\mathcal{L}_{i}^{0,m} \sum_{\ell}^{0,n} \chi[i,\ell] * y[\ell,j] \Rightarrow trup[[i,j]]$   $\mathcal{L}_{i}^{0,m} \mathcal{L}_{k}^{0,n} \sum_{\ell}^{0,m} trup[[i,j] * s[j,k] \Rightarrow r[i,k]$ 

example 2  $W_{t} \sum_{i}^{o,m} (a_{[i]} + b_{[i]} * w_{t}) \Rightarrow d_{t}$   $\sum_{i}^{o,m} a_{[i]} \Rightarrow tmpl \qquad \sum_{i}^{o,m} b_{[i]} \Rightarrow tmp2$   $W_{t} (tmpl + tmp2 * w_{t}) \Rightarrow d_{t}$ 

$$\int_{\text{ther}}^{\text{first}} \int_{0}^{\text{first}} \int_{0}^{\text{first}} \left(b[t] + c[t]\right) \Rightarrow a[t]$$

$$\int_{\text{ther}}^{\text{first}} \int_{0}^{\text{first}} \int_{0}^{\text{first}} \int_{0}^{\text{first}} \left(b[t] + c[t]\right) \Rightarrow t \exp^{2[t]}$$

$$\int_{\text{ther}}^{\text{first}} \int_{0}^{\text{first}} \int_{0}^{\text{f$$

 $\mathcal{L}_{\tilde{v}}^{o,n}\mathcal{L}_{j}^{o,n}$  tmp3 [ij] \* tmp1  $\Rightarrow$  dist[[i,j]]

SSYMM

origin ormation max or the content of the content of the content or the c

e, MMRX o, MAX o, 
$$\mathcal{L}_{i}$$
  $\mathcal{L}_{i}$   $\mathcal{L}_{i}$   $\mathcal{L}_{i}$   $\mathcal{L}_{i}$   $\mathcal{L}_{i}$   $\mathcal{L}_{i}$   $\mathcal{L}_{i}$   $\mathcal{L}_{i}$  (a[j,k]\* b[i,j]\*itern)  $\Rightarrow$  c[i,k)

O, MMX o, MMX o, MMX

 $\mathcal{L}_{i}$   $\mathcal{L}_{j}$  (a[j,j]\* b[i,j]\*itern\*(j-1))  $\Rightarrow$  c[i,j]

 $\mathcal{L}_{i}$   $\mathcal{L}_{i}$  (a[j,j)\*b[i,j]\*itern)  $\Rightarrow$  c[i,j]