ESMF_sandwich-eps-converted-to.pdf

w_{ij}

$$w_{ij} = f_{ij} * A_{si}/A_{dj}$$

$$w_{ij} = f_{ij} * A_{si} / (A_{dj} * D_j)$$

$$\sum^{all-source-cells}(V_{si} * A'_{si}) = \sum^{all-destination-cells}(V_{dj} * A'_{dj})$$

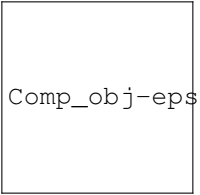
ESMF_GEOS5-eps-converted-to.pdf

ESMF_appunit-eps-converted-to.pdf

ESMF_serial-eps-converted-to.pdf

ESMF_concurrent-eps-converted-to.pdf

ESMF_reconcile-eps-converted-to.pdf


Comp_obj-eps-converted-to.pdf

Excl_src_grid-eps-converted-to.pdf

Excl_dst_grid-eps-converted-to.pdf

Excl_src_grid_cpl-eps-converted-to.pdf

Excl_dst_grid_cpl-eps-converted-to.pdf

State_obj-eps-converted-to.pdf

webservices-eps-converted-to.pdf

d

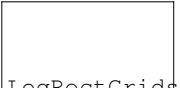
$$d = \sum_{i}^{intersecting-source-cells} (s_i + \nabla s_i \cdot (c_{si} - c_d))$$

s_i

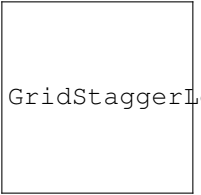
c_d

$$\sum^{all-source-cells}(V_{si} * A_{si}) = \sum^{all-destination-cells}(V_{dj} * A_{dj})$$

GridDecomps-eps-converted-to.pdf


LogRectGrids-eps-converted-to.pdf

GridStaggerLoc2D-eps-converted-to.pdf


GridStaggerLoc3D-eps-converted-to.pdf

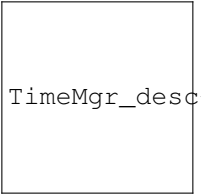
10^8

F

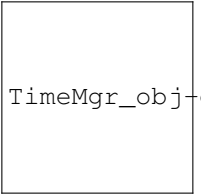
$$\sum_{g=1}^{g=n_srcgrid} \sum_{s=1}^{s=n_srccell} f_{1s} f_{2s} A_s F_s$$

$$\sum_{g=1}^{g=n_dstgrid} \sum_{d=1}^{d=n_dstcell} \sum_{s=1}^{s=n_intersect} (w_{sd} F_s) f_{2d} A_d$$

w_{sd}


TimeMgr_desc-eps-converted-to.pdf

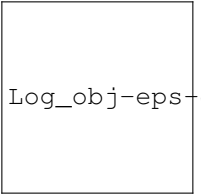
$$+\frac{\mathrm{sN}}{\mathrm{sD}}$$


TimeMgr_obj-eps-converted-to.pdf

14

2^{63}

2^{31}


Log_obj-eps-converted-to.pdf

VM_design-eps-converted-to.pdf

Appendix_uml-eps-converted-to.pdf