

```
inline void computeDeltaFluxXRoe(State &state , Domain const &dom, Parallel &par) {  
    Kokkos::parallel_for( dom.ncells , KOKKOS_LAMBDA (int iGlob) {  
        int i, j, ncells;  
        int id1, id2;  
        unpackIndices (iGlob , dom.ny+2*hc , dom.nx+2*hc , j , i );  
        if (i>hc-2 && i<dom.nx+hc && j>hc-1 && j<dom.ny+hc){  
            ncells=dom.ncells;  
            id1=iGlob;  
            id2=j*(dom.nx+2*hc)+i+1;  
            // computationally intensive code to compute fluxes at the edge between cells id1 and id2  
        }  
    }  
}
```