

```
!DIR$ MAQAO SPECIALIZE(choice=1,paw_opt=3,cplex=2)
!DIR$ MAQAO SPECIALIZE(choice=1,paw_opt<3,cplex=2)
!DIR$ MAQAO SPECIALIZE(choice=1,paw_opt>3,cplex=2)
subroutine opernlb_ylm(choice,cplex,paw_opt,...)
```

```
...
```

```
if (choice == 1) then
```

```
!DIR$ MAQAO TILE_INNER_IF_SPE_choicel=8
```

```
do ilmn=1, nlmn
```

```
do k=1,npw
```

```
z(k)=z(k)+ffnl(k,1,ilmn)*cplx(gxf(1,ilmn),gxf(2,ilmn),kind=dp)
```

```
end do
```

```
end do
```

```
end if
```

```
...
```

```
end subroutine
```