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## delay and sum

**command:** DELAY+SUM <trc-list> <azimuth> <slowness>

Delays traces specified in <trc-list> to align seismic phases with the same azimuth and slowness. Before applying delays all traces are reset in time. After applying delays all specified traces are summed and a SUM trace appears on top of the display.

### parameters

- <trc-list> *parameter type: trace list*  
List of traces to be beamed.
- <azimuth> *parameter type: real*  
Azimuth of phase to be aligned given in degrees.
- <slowness> *parameter type: real*  
Slowness of phase to be aligned given in sec/degree.

### example

```
delay+sum all 30.0 5.0  
  shift all traces to beam a phase of azimuth 30 degrees and slowness 5.0 sec/deg
```

### commands used

- BEAM
- DEFAULT
- NR
- RD
- RETURN
- SET
- SHIFT
- SUM