Responses to bar textures in area MT of the macaque

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P D relative to time-averaged $f = 90$ PD (deg)

Time after onset of stimulus motion (ms)
Stimuli

"Dots"

"Lines"

Grating
Direction tuning in the last 300 msec of response
Changes in direction tuning over time

- 60 - 90 msec
- 75 - 105 msec
- 90 - 120 msec
- 105 - 135 msec
Direction tuning in the last 300 msec of response
Changes in direction tuning over time

70 -100 msec
85 -115 msec
100 -130 msec
115 - 145 msec
Average across all cells

Direction preference (deg)

Time after onset of stimulus motion (ms)

- Blue line
- Red line
- Green line
Image

Spectrum

$\omega_x$

$\omega_y$

0 deg

5 deg

5

0.2

10 c/deg
"Lines"

Grating components