Detection of collision events on curved trajectories: Optical information from invariant rate-of-bearing change

25, 40 2001, 42. % (1 , 2004). , & , 200%,). & τ , 1 4). & Q, , & & , 2004),& , 2004), &). , & , 200, 2 , 2003). ,2004, 2004, 200%, 2003, ,200)&

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EXPERIMENT 1 Linear and Circular Trajectories

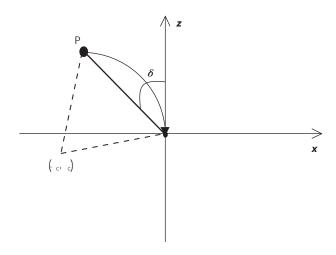
1,

```
d'
                                      \begin{pmatrix} a \\ (1 & 0) \end{pmatrix}.
                               .05)
                                           2.0 3.25 .
                                Bias. \beta
                                         4 ( , ) × 2 (
                                          F(3,21) = 0.
F(1, ) = 0. 2)
                                (a > .05).
                                             F(3,21) = 2.1,  > .05.
```

EXPERIMENT 2

1,

APPENDIX



$$, =, + \cdot (\omega \cdot + 0)$$
 (1)

$$, =, + \cdot (\omega \cdot + 0). \tag{2}$$

$$\delta = {}^{-1} \left(-\right). \tag{3}$$

 $\dot{\delta} = \frac{d}{d} \, \delta = \frac{d}{d} \left[\qquad - \left(\begin{array}{c} \\ \\ \end{array} \right) \right] = \frac{d}{d} \left(\begin{array}{c} \\ \\ \end{array} \right),$

1324 A A	1324 A A	
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PP		W	-