

nefs. but as it neither acts as an Astringent, nor in a Way observed by Physicians, it must still remain among other *Desiderata*.

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IV. *A Letter from Mr. John Dove to Edmund Halley, LL. D. F. R. S. and Reg. Astron. at Greenwich, containing an Account of a Comet seen on February 29, 173 $\frac{1}{2}$ .*

*From on Board the Monmouth, James Montgomery Commander, in Table-Bay, March 17, 173 $\frac{1}{2}$ .*

S I R,

I Had the Honour to wait on the Governor the 8th of *February*, in Latitude  $33^{\circ}$  South, where he parted with us for *St. Hellena*.

The 29th of *February*, at about half an Hour past Ten at Night, I judge (having a good Observation at Noon) we were in Lat.  $34^{\circ} 28'$  South, and Long.  $12^{\circ} 35'$  West from Cape *Bonne Esperance*, the Moon shining very bright, being near the Full, we saw something very bright rise about West, which I judge to be a Comet: It set about East, passing from West to East in about five Minutes, between the Moon and our Zenith, and to the Southward of *Spica Virginis*; it carried a Stream of Light after it about  $40^{\circ}$

40° long, and 1° or 1°  $\frac{1}{2}$  broad ; the Brightness of the Moon outshined the Comet as it came near it.

Please to excuse the Trouble of this by the Way of *Holland* ; but knowing your Curiosity in Astronomy, and viewing your Synopsis of the Astronomy of Comets, I thought it might be in some measure acceptable, though we had not Conveniency to take a very exact Observation of it. I am,

S I R,

*Your most humble Servant,*

JOHN D O V E.

*P. S.* Variation *per* Azimuth, *a. M.* about four or five Leagues West from this Bay, by two Compasses, 16° 23' West ; and by eight Observations in this Bay, Azimuths and Amplitudes, the Medium 15° 56' West.

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V. *An Account of two Experiments of the Friction of Pullies.* By the Reverend J. T. Desaguliers, LL. D. F. R. S.

**A**S the Experiment which I made on *Thursday*, January 14, 1730, before the *Royal Society* (See *Philos. Transf.* N° 423.) did perfectly agree with