

Diagram and calculations referenced as 'terylene chain parameters'

Contributors

Arnott, Struther, b.1934

Publication/Creation

September 1965

Persistent URL

<https://wellcomecollection.org/works/gzxsspby>

License and attribution

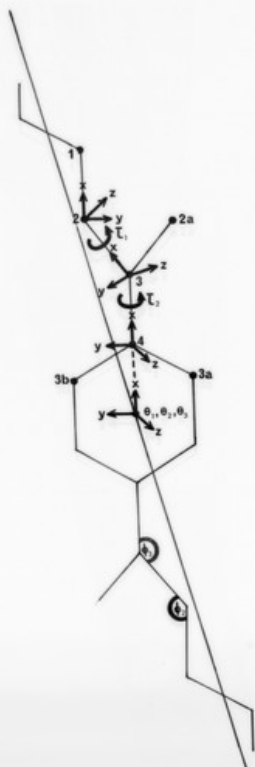
You have permission to make copies of this work under a Creative Commons, Attribution, Non-commercial license.

Non-commercial use includes private study, academic research, teaching, and other activities that are not primarily intended for, or directed towards, commercial advantage or private monetary compensation. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>



$$A = \begin{bmatrix} -\cos \phi & -\sin \phi & 0 \\ \sin \phi \cos \tau & -\cos \phi \sin \tau & \sin \tau \\ -\sin \phi \cos \tau & \cos \phi \sin \tau & \cos \tau \end{bmatrix}$$

$$L = \begin{bmatrix} L \\ 0 \\ 0 \end{bmatrix}$$

$$X_{n+1} = A X_n + L$$

$$R = \begin{bmatrix} 1 & 0 & 0 \\ 0 & \cos \theta_1 & -\sin \theta_1 \\ 0 & \sin \theta_1 & \cos \theta_1 \end{bmatrix} \begin{bmatrix} \cos \theta_2 & 0 & -\sin \theta_2 \\ 0 & 1 & 0 \\ \sin \theta_2 & 0 & \cos \theta_2 \end{bmatrix} \begin{bmatrix} \cos \theta_3 & -\sin \theta_3 & 0 \\ \sin \theta_3 & \cos \theta_3 & 0 \\ 0 & 0 & 1 \end{bmatrix}$$