

University of Southampton Research Repository ePrints Soton

Copyright © and Moral Rights for this thesis are retained by the author and/or other copyright owners. A copy can be downloaded for personal non-commercial research or study, without prior permission or charge. This thesis cannot be reproduced or quoted extensively from without first obtaining permission in writing from the copyright holder/s. The content must not be changed in any way or sold commercially in any format or medium without the formal permission of the copyright holders.

When referring to this work, full bibliographic details including the author, title, awarding institution and date of the thesis must be given e.g.

AUTHOR (year of submission) "Full thesis title", University of Southampton, name of the University School or Department, PhD Thesis, pagination

1



2



3



1



2



3



1 cm



4



4

1 cm





6



7



7

1 cm



8



9



10



8



9



10

1 cm



16



15



14



13



12



11



16



15



14



13



12



11

1 cm



18



20



17



19



21



18



20



17



19



21

1 cm

22



23



22



23



1 cm

A horizontal black line representing a scale bar, located at the bottom right of the image.



24-48

5 cm