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The Colouration of Bird Feathers explained by Effective-Medium Multilayer Modelling

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The Colouration of Bird Feathers
explained by Effective-Medium Multilayer Modelling

Pascal Freyer

university of
 groningen

faculty of science
 and engineering

zernike institute for
 advanced materials

The Colouration of Bird Feathers **explained by Effective-Medium Multilayer Modelling**

Pascal Freyer

PhD thesis

University of Groningen

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university of
 groningen

The Colouration of Bird Feathers explained by Effective-Medium Multilayer Modelling

PhD thesis

to obtain the degree of PhD at the
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on the authority of the
Rector Magnificus Prof. C. Wijmenga
and in accordance with
the decision by the College of Deans.

This thesis will be defended in public on

Tuesday 19 January 2021 at 11.00 hours

by

Pascal Freyer

born on 4 April 1990
in Windhoek, Namibia

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To Larissa, to my family
and to the people and nature of Namibia.

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