# **NETWORK SCIENCE**

#### Volume 8

### Number 4

#### CONTENTS

#### Articles

Homophily in the formation and development of learning networks among university students	
HANNES WEBER, MARC SCHWENZER AND STEFFEN HILLMERT	469
The structure of emotional support networks in families	
affected by Lynch syndrome	
CHRISTOPHER STEVEN MARCUM, DAWN LEA, DINA ELIEZER,	
DONALD W. HADLEY AND LAURA M. KOEHLY	492
Cognition and communication: situational awareness and tie	
preservation in disrupted task environments	
SEAN M. FITZHUGH, ARWEN H. DECOSTANZA, NORBOU BUCHLER	
AND DIANE M. UNGVARSKY	508
Linear work generation of R-MAT graphs	
LORENZ HÜBSCHLE-SCHNEIDER AND PETER SANDERS	543
Measuring directed triadic closure with closure coefficients	
HAO YIN, AUSTIN R. BENSON AND JOHAN UGANDER	551
Dynamic network prediction	
RAVI GOYAL AND VICTOR DE GRUTTOLA	574
Commentary	
Commentary: A network science summer course for high-school students	
FLORIAN KLIMM AND BENJAMIN F. MAIER	596

#### Manuscript Submission Guidelines

Manuscripts for consideration for *Network Science* should be submitted online at http://journals.cambridge.org/NWS. For assistance, please contact the Editorial Office at NWS@cambridge.org.

For more detailed instructions for contributors please go to cambridge.org/nws.



Cambridge Core For further information about this journal please go to the journal web site at: cambridge.org/nws

## CAMBRIDGE UNIVERSITY PRESS

ttps://doi.org/10.1017/nws.2020.41 Published online by Cambridge University Press