

LIST OF PUBLICATIONS

- (1) **Chun-Yin Hui**; Krishna Kishore:
Torsion elements of order p^2 in the Nottingham group,
Journal of group theory, Volume **23** (2020), Issue 3, Pages 489–502.
- (2) **Chun-Yin Hui**; Michael Larsen:
Maximality of Galois actions for abelian and hyperkähler varieties,
Duke Mathematics Journal **169** (2020), no. 6, 1163–1207.
- (3) **Chun-Yin Hui**:
The abelian part of a compatible system and ℓ -independence of the Tate conjecture,
Manuscripta Mathematica, Vol. **161**, Issue 1–2, Jan 2020, pp 223–246.
- (4) **Chun-Yin Hui**:
On the rationality of certain type A Galois representations,
Transactions of the American Mathematical Society, Vol. **370**, no. 9, Sept 2018, p. 6771–6794.
- (5) Anna Cadoret; **Chun-Yin Hui**; Akio Tamagawa:
Geometric monodromy – semisimplicity and maximality,
Annals of Mathematics **186** (2017), Issue 1, p. 205–236.
- (6) **Chun-Yin Hui**; Michael Larsen:
Type A images of Galois representations and maximality,
Mathematische Zeitschrift **284** (2016), no.3–4, 989–1003.
- (7) **Chun-Yin Hui**; Michael Larsen; Aner Shalev:
The Waring problem for Lie groups and Chevalley groups,
Israel Journal of Mathematics **210** (2015), no. 1, 81–100.
- (8) **Chun-Yin Hui**:
 ℓ -independence for compatible systems of (mod ℓ) representations,
Compositio Mathematica **151** (2015), 1215–1241.
- (9) **Chun-Yin Hui**:
Monodromy of Galois representations and equal-rank subalgebra equivalence,
Mathematical Research Letters **20** (2013), no.4, 1–24.
- (10) **Chun-Yin Hui**:
Specialization of monodromy group and ℓ -independence,
Comptes Rendus Mathématique, Volume **350**, Issues 1-2, January 2012, 5–7.
- (11) **Chun-Yin Hui**; Wai-Yan Pong:
Diophantine Equation of Matching Games I,
Integers Volume **12** (2012), Issue 2, 179–195.
- (12) **Chun-Yin Hui**:
An extension result of CR functions by a general Schwarz reflection principle,
Complex Variables and Elliptic Equations, Vol. **54** (2009), 927–934.