

## Abbreviations

| Abbreviation | Meaning         |
|--------------|-----------------|
| #            | number          |
| $\exists$    | there exists    |
| $\forall$    | for all         |
| binom        | binomial        |
| circ         | circular        |
| coef         | coefficient     |
| comb         | combination     |
| cont         | contradiction   |
| Cor          | Corollary       |
| corresp      | corresponding   |
| def          | definition      |
| deg          | degree          |
| dist         | distinct        |
| els          | elements        |
| equiv        | equivalent      |
| ex           | example         |
| horiz        | horizontal      |
| indep        | independent     |
| ind          | induction       |
| LHS          | left hand side  |
| Lem          | Lemma           |
| max'l        | maximal         |
| obs          | observe         |
| opp          | opposite        |
| orig         | original        |
| perm         | permutation     |
| pos          | positive        |
| prev         | previous        |
| refl         | reflection      |
| RHS          | right hand side |
| rot          | rotation        |
| sol          | solution        |
| s.t.         | such that       |
| suf          | sufficient      |
| Thm          | Theorem         |
| vert         | vertical        |