

ISO 12110-2:2013-07 (E)

Metallic materials - Fatigue testing - Variable amplitude fatigue testing - Part 2: Cycle counting and related data reduction methods

| Contents | | Page |
|--|---|-------------|
| Foreword | | iv |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 1 |
| 4 | Cycle counting techniques | 2 |
| 4.1 | General | 2 |
| 4.2 | Cycle counting methods | 3 |
| 5 | Counting technique selection | 7 |
| Annex A (informative) Rainflow counting | | 8 |
| Annex B (informative) Examples of quantification, cycle extraction, and open cycle sequence composition of cycles | | 21 |
| Annex C (informative) Example of result presentation for the Rainflow counting method | | 26 |
| Bibliography | | 32 |