

Komisja X – Zagadnienia konstrukcyjne połączeń spawanych – zapobieganie pękaniu

- X-1670-10 Evaluation method of Charpy impact toughness of laser welds using side-grooved specimen – Y. Takashima et al (Japan)
- X-1672-10 Influence of cooling channel in first and side walls on welding residual stress of test blanket module for ITER - S. Nakamura et al (Japan)
- X-1673-10 Estimation of hydrogen diffusivity in Cr-Mo-V steel welds - Influence of dehydrogenation heat treatment on hydrogen distribution in multi-layer welds of Cr-Mo-V Steel (Report 1) – M. Nakatani et al (Japan)
- X-1674-10 Study of hydrogen distribution in X-groove joint of Cr-Mo-V steel welds - Influence of dehydrogenation heat treatment on hydrogen distribution in multi-layer welds of Cr-Mo-V steel (Report 2) – M. Abe et al (Japan)
- X-1675-10 For safety of mega container ships, evaluation of brittle fracture toughness and investigation of structural arrestability – N. Kiji et al (Japan)
- X-1676-10 Numerical investigation on BS-CTOD and ASTM-CTOD – T. Tagawa et al (Japan)
- X-1677-10 Correction of fracture toughness for constraint loss in structural components. ISO27306 vs. FITNET/BS7910 – F. Miniami, M. Ohata, Y. Yamashita (Japan)
- X-1678-10 Strain-based fracture assessment method in Japan: WES 2805-2007 - Y. Hagihara (Japan)
- X-1679-10 Influence of weld strength mis-match on failure behaviour of strain hardened austenitic stainless steel - P. Nevasmaa et al (Finland)
- X-1680-10 Fatigue and Fracture Strength of Ship Block Joints Welded with Large Gaps
[XIII-2336-10](#) W. Fricke et al (Germany)
- X-1681-10 Analysis of residual stress relief using cyclic hardening models - D. Siegele, S. Moroz, I. Varfolomeev (Germany)
- X-1682-10 Treatment of welding residual stresses in probabilistic failure assessment of pipes - I. Varfolomeev, D. Ivanov, D. Siegle (Germany)
- X-1683-10 Strain distribution in welded aluminium alloys - M. Workowski, T. Nitschke-Pagel, K. Dilger (Germany)
- X-1684-10 Calculation of welding residual stresses under complex process condition - M. Urner, T. Welters, K. Dilger (Germany)

- X-1686-10 IIW round robin residual stress calculations and measurements - H.Wohlfahrt,
[XIII-2349-10](#) T. Nitschke-Pagel, K. Dilger (Germany)
[XV-1359-10](#)
- X-1688-10 Highlights of residual stress profile development for IIW FFS Annex C -
P. Dong (USA)
- X-1689-10 Characterization of weld residual stresses: A fitness-for-service prospective -
P. Dong (USA)
- X-1690-10 A Note on the Comparison of CTOD calculated to BS 7448 and ASTM E1820
– A. Malpas, H. Pisarski (UK)
- X-1692-10 Residual stress in steel welded repairs measurement, simulation, and fitness-
for-purpose assessment – A. M. Paradowska et al (United Kingdom)