

Index

- affine coordinates 9
- Bäcklund transform 53, 55–57
- complex quaternionic bundle 18
- conformal 7, 8
- conformal curve 19
- conformal Gauss map 29
- constant mean curvature surface 75
- Darboux transform 78, 81
- degree 67
- derivative of L 17
- differential δf 11
- dual bundle 21
- energy functional 31
- Gaussian curvature 40
- harmonic map 31
- holomorphic curve 19, 50
- holomorphic quaternionic bundles 20
- holomorphic section 84
- holomorphic structure 69
- Hopf fields 27
- hyperbolic 2-planes 64
- hyperbolic minimal 66
- isotropic curve 63
- line subbundle 16
- mean curvature sphere 27, 44
- mean curvature vector 40, 42
- minimal surface 66
- normal curvature 40
- normal vector 6
- projective space 9
- quaternionic vector bundle 15
- Riccati equation 73
- second fundamental form 39
- super-conformal 50
- tangent space of projective space 10
- tautological bundle 15
- twistor projection 47, 50
- two-spheres in S^4 13
- type argument 28
- Willmore cylinder 46
- Willmore functional 35
- Willmore surface 36, 55, 81
 - constrained 36