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""Introduction: Ocular Dominance""; ""Demography of Ocular Dominance""; ""A Taxonomy of Ocular Dominance""; ""Is Ocular Dominance Test Specific?""; ""I. Tests of Rivalry""; ""II. Tests of Asymmetry""; ""III. Sighting Tests""; ""Some Misconceptions""; ""Resolving the Paradox of Ocular Dominance""; ""Some Clinical Implications of Ocular Dominance""; ""Conclusion""; ""References""; ""THREE-DIMENSIONAL VISION BASED ON BINOCULAR IMAGING AND APPROXIMATION NETWORKS OF A LASER LINE""; ""Abstract""; ""1. Introduction""; ""2. Basic Theory""; ""3. Bezier Networks for Surface Contouring""; ""4. Parameter of the Vision System""; ""5. Experimental Results""; ""Conclusions""; ""References""; ""EYE MOVEMENT ANALYSIS IN CONGENITAL NYSTAGMUS: CONCISE PARAMETER ESTIMATION""; ""Abstract""; ""Introduction""; ""Terminology (Definitions)""; ""Clinical Assessment""; ""Examination Techniques: Motility""; ""Ocular Motility Recordings""; ""Semiautomatic Analysis of Eye Movement Recordings""; ""Slow Eye Movements in Congenital Nystagmus""; ""Conclusion""; ""References""; ""EVOLUTION OF COMPUTER VISION SYSTEMS""; ""Abstract""; ""Introduction""; ""Present-Day Level of CVS Development""; ""Full-Scale Universal CVS""; ""Integration of CVS and AI Control System""; ""Conclusion""; ""References""; ""BINOCULAR VISION AND DEPTH PERCEPTION: DEVELOPMENT AND DISORDERS""; ""Introduction""; ""1. Advantages of Binocular Vision""; ""2. Foundations of Binocular Vision""; ""3. Stereopsis as the Highest Level of Binocular Vision""; ""4. Binocular Viewing Conditions on Pupil Near Responses""; ""5. Development of Binocular Vision""; ""Conclusion""; ""References""; ""REPEATABILITY OF PRISM DISSOCIATION AND TANGENT SCALE NEAR HETEROPHORIA MEASUREMENTS IN STRAIGHT FORWARD GAZE AND IN DOWN GAZE""

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