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And Even The Level Of Preprocessing Done On The Sensor - Data [10]. Multi-sensor Data Fusion Is The Process Of Combining Several Observations From Different Sensor Inputs To Provide A More Complete, And Precise Robust Representation Of The Environment Of Interest [11]. The [fused Results From More Than One Sensor Is Believed To Be Feb 8th, 2024

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For Combining Successively More Complex Classifiers In A Cascade Structure Which Dramatically Increases The Speed Of The Detector By Focusing Attention On Promising Regions Of The Image. The Notion Behind

Focus Of Attention Approaches Is That It Is Often Possible To Rapidly Determine Where In An Image An Object Might Occur [17, 8, 1]. More Complex Processing Is Reserved Only For These ... Feb 21th, 2024

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On A Mikrokopter [1] And Is Equipped With A Hokuyo URG (1), An XSens MTi IMU (2), A Gumstix Embedded Computer (3), And A Laser Mirror (4). III.

TECHNICALSECTION We Use The Quadrotor Platform Shown In Figure 2 To Acquire 3D Scans And Use Them To Recognize Previously Seen Parts Of Mar 12th, 2024

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3.1. Viola-Jones Face Detection The first Step In Our Pipeline Is To Detect The Location Of People In The Input Photograph. The Viola-Jones Face De-tetection Algorithm[14] Is A Robust Method For Quickly Distinguishing Faces From Non-faces. It Operates On The Inte-gral Image Of ... Apr 14th, 2024

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Connection Setup. The Bluetooth Module HC-05 Is A Master/slave Module [9]. By Default The Factory Setting Is Slave. The Function Of The Module (Master Or Slave) Can Be Configured Only By At Commands. The Slave Modules Cannot Initiate A Connection Jan 13th, 2024

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For OpenCV To Work Efficiently With Python 2.7 We Need To Install NumPy Package First. 2.3 NumPy NumPy Is The Fundamental Package For Scientific Computing With Python [11].It Can Be Treated As An Extension Of The Python Programming Language With Support For Multidimensional Matrices And Arrays. It Is Open Source Mar 12th, 2024

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Mimicry Against Bats, Peer Reviewed Journal Mar 24th,

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Laser Radiation Is A Powerful Tool For Micro Machining

Of Different Ma-terials. The Laser Beam Can Be

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pending On The Material Properties (e.g. Heat

Conductivity), The Thermal Influence Can Apr 23th,

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Study Oh Hot Wire Welding Processes (Report 11) ,

Japan - Welding Society, Japan, Vol. 57 (1995), 80-81.

2) Hiroshi Watanabe, Yasuhiro Butsusaki, And

Toshiharu Nagashima: Study Of High Speed Welding

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Referred To As Obstacle Detection Or Obstacle Avoidance, Even Though Only The first Approach Directly Detects Obstacles. N O O F N Figure 4: Left: Direct Obstacle Detection. Right: The Terrain-mapping Approach. An Important Distinction Between These Two Approaches Is How Null Information Is Used¹. The Lack Of A Return Signal From An Active System, Or The Lack Of Any Radiated Energy In A ... Mar 7th, 2024

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