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KwByby

Development of a Tomographic Atmospheric Monitoring System based on Differential Optical Absorption Spectroscopy]Development of a Tomographic Atmospheric Monitoring System based on Differential Optical Absorption Spectroscopy

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2021

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[c,m]Name of the committee chairperson [r,f]Name of a rapporteur [r,f]Name of another rapporteur [a,f]Name of an adviser [a,f]Name of another adviser [m,m]Another member of the committee [m,f]Yet another member of the committee

dedicatory

acknowledgements

quote [pt]abstract-pt [en]abstract-en [fr]abstract-fr super [acronym]long-short  
acronyms

aftercover-nova-ims

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## List of Figures

# List of Tables

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*app1\_slrapp2\_ffapp3\_tomosim*

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KwByby compatibility=false calc, intersections

computer name=computer, description=An electronic device which is capable of receiving information (data) in a particular form and of performing a sequence of operations in accordance with a predetermined but variable set of procedural instructions (program) to produce a result in the form of information or signals. This is a test that adds a citation [?] to the glossary!

EPAEPAEnvironmental Protection Agency (United States) APAPAir Pol-  
 lution RQRQResearch Question WHOWHOWorld Health Organization DOAS-  
 DOASDifferential Optical Absorption Spectroscopy FFFFFFFForest Fire Finder  
 MLMLMachine Learning PMPMParticulate Matter ROIROIRegion Of Inter-  
 est CTCTComputed Tomography SLRSLRSystematic Literature Review FSTF-  
 STFourier Slice Theorem FBPFBPFiltered BackProjection FTFTFourier Trans-  
 form IFTIFTInverse Fourier Transform VOCVOCVolatile Organic Compound  
 ICEICEInternal Combustion Engine EEAEAEEuropean Environmental Agency  
 COPDCOPDChronic Obstructive Pulmonary Disease DIALDIALDifferential  
 Absorption LIDAR TDLTDLTunable Diode Laser CEMCEMContinuous Emis-  
 sion Monitoring UAVUAVUnmanned Aerial Vehicle PT2020PT2020Portugal2020  
 ATMOSProject ATMOSATmosphere Monitoring System Project IOTIOTIn-  
 ternet Of Things ARTARTAlgebraic Reconstruction Technique SARTSARTSi-  
 multaneous Algebraic Reconstruction Technique MLEMMLEMMaximized Like-  
 lihood Expectation Maximization maxdoasMAX-DOASMultiAxis-DOAS AL-  
 RIALRIAcute Lower Respiratory Infections nh3NH<sub>3</sub>Ammonia no2NO<sub>2</sub>Nitrogen  
 Dioxide coCOCarbon Monoxide co2CO<sub>2</sub>Carbon Dioxide so2SO<sub>2</sub>Sulfur Dioxide  
 noxNO<sub>x</sub>Nitrogen Oxides h2sH<sub>2</sub>SHydrogen Sulfide h2oH<sub>2</sub>OWater o3O<sub>3</sub>Ozone  
 escapeESCAPEEuropean Study of Cohorts for Air Pollution Effects fp7FP7European  
 Union's Seventh Framework Programme ansANSAutonomic Nervous System  
 cvdCVDCardiovascular Disease cvmCVMCardiovascular Mortality sgaSGAS-  
 mall for Gestation Age pahPAHPPolycyclic Aromatic Hydrocarbons baepBAEP-  
 Brainstem Auditory-Evoked Potentials cnsCNSCentral Nervous System btuB-  
 TUBritish Thermal Unit gdpGDPGross Domestic Product iceICEInternal Com-  
 bustion Engine gplLPGLiquefied Petroleum Gas smsSMSSystematic Mapping  
 Study slrSLRSystematic Literature Review picocPICOCPopulation Interven-  
 tion Context Objective Comparison apiAPIApplication Programming Interface  
 rtkRTK GPSReal Time Kinematic Global Positioning System mseMSEMean  
 Squared Error wfmWFM-DOASWeighting Function Modified Differential Op-  
 tical Absorption Spectroscopy asciiASCIIAmerican Standard Code for Infor-  
 mation Interchange usbUSBUniversal Serial Bus iepIEPInfraEstruturas de Por-  
 tugal oopOOOObject Oriented Programming umlUMLUnified Modelling Lan-  
 guage oecdOECDOrganisation for Economic Cooperation and Development  
 fwhmFWHMFull Width at Half Maximum



[description=the numerical value of pi] $\pi$  [description=the radius of a  
circle] $r$





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