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Design, implementation and control of an Intelligent Surveillance Robot Monitoring Outdoor Security

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Chapter 1: general-robotics-final

ARM Adjustable-Rate

<i>AUVs</i>	Mortgage Autonomous underwater vehicle	NASA	imaging National Aeronautics and Space Administration
<i>BCR</i>	Bell Communications Research	NMR	Nuclear magnetic resonance
<i>CCD</i>	Charge-Coupled Device	OTPROM	One-time programmable read-only memory.
<i>CMOS</i>	Complementary Metal Oxide Silicon	RAM	Random access memory
<i>CPU</i>	Central Processing Unit	RHIB	rigid-hulled inflatable boat
<i>CNN</i>	Convolutional Neural Network	RISC	Reduced instruction set computer
<i>DSR</i>	Dynamic Spatial Reconstructor	ROM	Read Only Memory
<i>EERPROM</i>	Electrically Erasable Programmable Read-Only Memory	PTZ	with pan , tilt and controllable zoom functions
<i>EO</i>	Ex Officio	SAR	Special Administrative Region
<i>GPS</i>	Global Positioning System	UAVs	unmanned aerial vehicle
<i>ILS</i>	Instrument Landing System	UGVs	unmanned Ground Vehicles
<i>IR</i>	Infrared Radiation	UUVs	unmanned undersea vehicles
<i>L/D</i>	Lift-to-Drag	UVPROM	Ultra Violet Programmable Read Only Memory
<i>MTCNN</i>	Multi-task convolutional neural network	WIFI	wireless networking technology that allows communication
	Magnetic resonance		

Chapter 2: Intelligent Surveillance Robots - State of Art

<i>ART</i>	Assisted Reproductive Technology	<i>GHOC</i>	Global Hawk Operations Center
<i>BLOS</i>	Boss Looking Over Shoulder	<i>ISR</i>	Intelligence, Surveillance, and Reconnaissance
<i>CEO</i>	Chief Executive Officer	<i>LBP</i>	
<i>CORBA</i>	Common Object Request Broker Architecture	<i>LOS</i>	Law Of the Sea
<i>DFRS</i>	Defence Fire and Rescue Service	<i>PC</i>	Personal Computer
<i>EAFB</i>		<i>RSTA</i>	Rockford Science and Technology Academy
		<i>UAV</i>	Unmanned Aerial Vehicle

| [Abreviation list](#)**Chapter 3: Theoretical study and Inception**

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