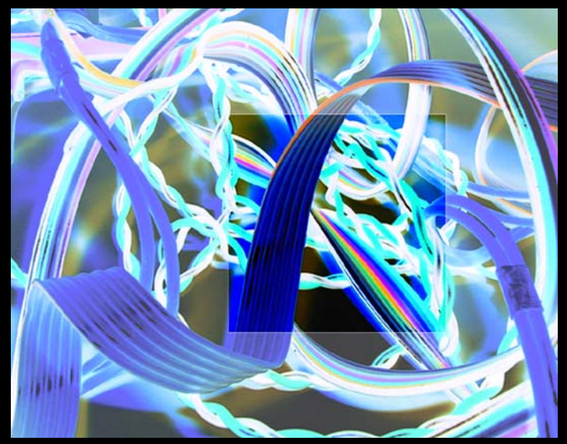
Acronyms and Abbreviations

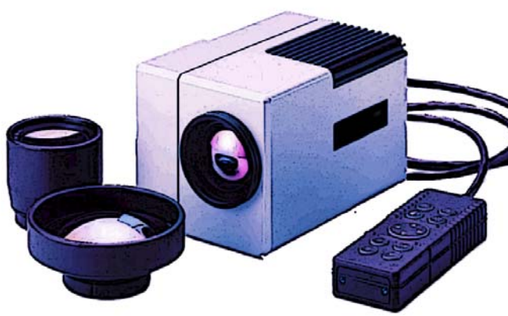


Not everything that can be counted counts, and not everything that counts can be counted.

—Albert Einstein

The fields of science and technology are awash in acronyms and abbreviations that, for the uninitiated, often cause confusion and frustration. Using undefined terms disrupts the lines of communication and prevents the conveyance of important information. Here we seek to end this needless practice and offer a comprehensive listing of all the acronyms and abberviations used in this publication.

Acronyms and Abbreviations

BFW .....Business Focus Workshop
BMDO .....Ballistic Missile Defense Organization (precursor to MDA)
CCD .....charge-coupled device
cm .....centimeter
CMOS .....complimentary metal-oxide semiconductor
CTE .....Commercial Technology Exploitation
DARPA .....Defense Advanced Research Projects Agency
DCT .....dynamic confinement technology
DNC .....doped nanocrystalline
DOD .....Department of Defense
DOE .....Department of Energy
dpi .....dots per inch
DRAM.....dynamic random access memory
FCM .....fuzzy cognitive mapping
FEMA .....Federal Emergency Management Agency
GaN .....gallium nitride
Gb/s .....gigabits per second
GHz .....gigahertz
HVPE .....hydride vapor phase epitaxy
Hz.....hertz

ITO .....indium tin oxide
JPL.....Jet Propulsion Laboratory
kW .....kilowatts
LED .....light-emitting diode
lidar.....laser radar
LLNL.....Lawrence Livermore National Laboratory
m^2g .....meters squared per gram
Mb/s.....megabits per second
MCP .....micro-channel plate
MDA .....Missile Defense Agency
mm.....millimeter
MRAM .....magnetic random access memory
NASA .....National Aeronautics and Space Administration
NIST .....National Institute of Standards and Technology
nm .....nanometer
NTTC-WO .....National Technology Transfer Center-Washington Operations
ohm-cm .....ohmic-centimeters
PC .....personal computer
QWIP .....quantum well infrared photodetector
R&D .....research and development
SBIR.....Small Business Innovation Research
S/cm.....siemans per centimeter
SDIO.....Strategic Defense Initiative Organization (precursor to BMDO)
SiC .....silicon carbide
SRAM.....static random access memory
STTR .....Small Business Technology Transfer
TAR.....Technology Applications Review
VCSEL .....vertical-cavity surface-emitting laser
W/m-K .....watts per meter-kelvin