

T1 number system	T1 binary	T1 denary
T1 digit	T1 place value	T1 byte
T1 bit	T1 hexadecimal	T1 nibble

T1 shí jìn zhì	T1 èr jìn zhì	T1 shù zhì
T1 zì jié	T1 wèi zhí	T1 shù wèi
T1 bàn zì jié	T1 shí liù jìn zhì	T1 wèi

T1 register width	T1 register	T1 unsigned
T1 BCD	T1 overflow	T1 most significant bit
T1 two's complement	T1 signed integer	T1 sign bit

T1 wú fú hào	T1 jì cún qì	T1 jì cún qì kuān dù
T1 zuì gāo yǒu xiào wèi	T1 yì chū	T1 èr jìn mǎ shí jìn shù
T1 fú hào wèi	T1 yǒu fú hào zhěng shù	T1 bǔ mǎ

T1 arithmetic shift	T1 one's complement	T1 7-segment display
T1 memory address	T1 code point	T1 character set
T1 encoding	T1 bitmap	T1 pixel

T1 qī duàn xiǎn shì qì	T1 fǎn mǎ	T1 suàn shù yí wèi
T1 zì fú jí	T1 mǎ diǎn	T1 nèi cún dì zhǐ
T1 xiàng sù	T1 wèi tú	T1 biān mǎ

T1 file header	T1 colour depth	T1 image resolution
T1 screen resolution	T1 bit depth	T1 frame
T1 compression	T1 frame rate	T1 vector graphic

T1 tú xiàng fēn biàn lǚ	T1 yán sè shēn dù	T1 wén jiàn tóu
T1 zhēn	T1 wèi shēn dù	T1 píng mù fēn biàn lǚ
T1 shǐ liàng tú xíng	T1 zhēn lǚ	T1 yā suō

T1 drawing list	T1 drawing objects	T1 primitive
T1 properties	T1 render	T1 analogue data
T1 digital data	T1 sampling	T1 sampling rate

T1 tú yuán	T1 huì tú duì xiàng	T1 huì tú liè biǎo
T1 mó nǚ shù jù	T1 xuàn rǎn	T1 shǔ xìng
T1 cǎi yàng lǚ	T1 cǎi yàng	T1 shù zì shù jù

T1 sampling resolution	T1 amplitude	T1 sample resolution
T1 quantisation	T1 bandwidth	T1 lossless
T1 lossy	T1 run-length encoding	T1 dictionary methods

T1 cǎi yàng fēn biàn lǚ	T1 zhèn fú	T1 cǎi yàng fēn biàn lǚ
T1 wú sǔn	T1 dài kuān	T1 liàng huà
T1 zì diǎn biān mǎ	T1 xíng chéng biān mǎ	T1 yǒu sǔn

T1 Huffman coding	T1 entropy	T1 spatial
T1 temporal	T2 network	T2 server
T2 internet	T2 local area network	T2 latency

T1 kōng jiān	T1 shāng	T1 huò fū màn biān mǎ
T2 fú wù qì	T2 wǎng luò	T1 shí jiān
T2 yán chí	T2 jú yù wǎng	T2 hù lián wǎng

T2 wide area network	T2 Public Switched Telephone Network	T2 switch
T2 client	T2 peer-to-peer	T2 thick client
T2 thin client	T2 topology	T2 bus

T2 jiāo huàn jī	T2 gōng gòng jiāo huàn diàn huà wǎng	T2 guǎng yù wǎng
T2 pàng kè hù duān	T2 duì děng wǎng luò	T2 kè hù duān
T2 zǒng xiàn	T2 tuò pū	T2 shòu kè hù duān

T2 bandwidth	T2 star	T2 mesh
T2 fault-tolerant	T2 hub	T2 packet
T2 collision	T2 CSMA/CD	T2 router

T2 wǎng zhuàng	T2 xīng xíng	T2 dài kuān
T2 shù jù bāo	T2 jí xiàn qì	T2 róng cuò
T2 lù yóu qì	T2 / zài bō zhēn tīng duō lù fǎng wèn / chōng tū jiǎn cè	T2 chōng tū

T2 cloud computing	T2 scalability	T2 public cloud
T2 private cloud	T2 ethernet	T2 twisted-pair
T2 fibre-optic	T2 repeater	T2 network interface card

T2 gōng yǒu yún	T2 kě kuò zhǎn xìng	T2 yún jì suàn
T2 shuāng jiǎo xiàn	T2 yǐ tài wǎng	T2 sī yǒu yún
T2 wǎng luò jiē kǒu kǎ	T2 zhōng jì qì	T2 guāng xiān

T2 MAC address	T2 wireless network interface card	T2 wireless access point
T2 bridge	T2 protocol	T2 IP address
T2 routing table	T2 network address translation	T2 DHCP

T2 wú xiàn jiē rù diǎn	T2 wú xiàn wǎng luò jiē kǒu kǎ	T2 MAC MAC dì zhǐ
T2 IP IP dì zhǐ	T2 xié yì	T2 wǎng qiáo
T2 dòng tài zhǔ jī pèi zhì xié yì	T2 wǎng luò dì zhǐ zhuǎn huàn	T2 lù yóu biǎo

T2 firewall	T2 packet switching	T2 URL
T2 modem	T2 full-duplex	T2 bit streaming
T2 buffer	T2 compression	T2 lossy

T2 tổng yī zī yuán dìng wèi fú	T2 fēn zǔ jiāo huàn	T2 fáng huǒ qiáng
T2 liú shì chuán shū	T2 quán shuāng gōng	T2 tiáo zhì jiě tiáo qì
T2 yǒu sǔn	T2 yā suō	T2 huǎn chōng

T2 bit rate	T2 World Wide Web	T2 dedicated line
T2 ISP	T2 cell phone network	T2 subnets
T2 subnet mask	T2 domain name	T2 Domain Name System

T2 zhuān xiàn	T2 wàn wéi wǎng	T2 bǐ tè lǚ
T2 zi wǎng	T2 fēng wō wǎng luò	T2 hù lián wǎng fú wù tí gōng shāng
T2 yù míng xì tǒng	T2 yù míng	T2 zi wǎng yǎn mǎ

T3 input devices	T3 microphone	T3 sensor
T3 output devices	T3 actuator	T3 primary memory
T3 processor	T3 RAM	T3 ROM

T3 chuán gǎn qì	T3 mài kè fēng	T3 shū rù shè bèi
T3 zhǔ cún chǔ qì	T3 zhí xíng qì	T3 shū chū shè bèi
T3 zhī dú cún chǔ qì	T3 suí jī cún qǔ cún chǔ qì	T3 chǔ lǐ qì

T3 secondary storage	T3 hard disk	T3 optical disc
T3 volatile	T3 embedded system	T3 firmware
T3 laser printer	T3 drum	T3 toner

T3 guāng pán	T3 yìng pán	T3 fǔ zhù cún chǔ qì
T3 gù jiàn	T3 qiàn rù shì xì tǒng	T3 yì shī xìng
T3 mò fēn	T3 gǎn guāng gǔ	T3 jī guāng dǎ yìn jī

T3 fuser	T3 buffer	T3 3D printer
T3 filament	T3 diaphragm	T3 capacitor
T3 analogue-to-digital converter	T3 digital-to-analogue converter	T3 tracks

T3 3D 3D dǎ yìn jī	T3 huǎn chōng	T3 dìng yǐng qì
T3 diàn róng qì	T3 mó piàn	T3 sù liào sī
T3 cí dào	T3 shù mó zhuǎn huàn qì	T3 mó shù zhuǎn huàn qì

T3 sectors	T3 read/write head	T3 actuator arms
T3 solid-state drive	T3 transistors	T3 floating-gate transistor
T3 pits	T3 lands	T3 touchscreen

T3 cí tóu bì	T3 dú xiě tóu	T3 shàn qū
T3 fú zhà jīng tǐ guǎn	T3 jīng tǐ guǎn	T3 gù tài yìng pán
T3 chù mō píng	T3 píng tái	T3 āo kēng

T3 resistive	T3 capacitive	T3 virtual reality
T3 accelerometer	T3 gyroscope	T3 interrupt
T3 non-volatile	T3 SRAM	T3 DRAM

T3 xū nǚ xiàn shí	T3 diàn róng shì	T3 diàn zǔ shì
T3 zhōng duàn	T3 tuó luó yí	T3 jiā sù dù jì
T3 dòng tài	T3 jìng tài	T3 fēi yì shī xìng

T3 flip-flop	T3 cache	T3 refreshed
T3 monitoring	T3 control system	T3 feedback
T3 preset value	T3 thermistor	T3 logic gate

T3 shuā xīn	T3 gāo sù huǎn cún	T3 chù fā qì
T3 fǎn kuì	T3 kòng zhì xì tǒng	T3 jiān kòng
T3 luó jí mén	T3 rè mǐn diàn zǔ	T3 yù shè zhí

T3 Boolean	T3 truth table	T3 logic circuit
T4 Von Neumann architecture	T4 Immediate Access Store	T4 stored program
T4 processor	T4 arithmetic and logic unit	T4 ALU

T3 luó jí diàn lù	T3 zhēn zhí biǎo	T3 bù ěr
T4 cún chǔ chéng xù	T4 lì jí cún qǔ cún chǔ qì	T4 féng · nuò yī màn tǐ xì jié gòu
T4 suàn shù luó jí dān yuán	T4 suàn shù luó jí dān yuán	T4 chǔ lǐ qì

T4 operand	T4 register	T4 control unit
T4 clock speed	T4 fetch-execute cycle	T4 special purpose registers
T4 Program Counter	T4 Memory Address Register	T4 Memory Data Register

T4 kòng zhì dān yuán	T4 jì cún qì	T4 cāo zuò shù
T4 zhuān yòng jì cún qì	T4 - qǔ zhǐ - zhí xíng zhōu qī	T4 shí zhōng pín lǚ
T4 nèi cún shù jù jì cún qì	T4 nèi cún dì zhǐ jì cún qì	T4 chéng xù jì shù qì

T4 Current Instruction Register	T4 accumulator	T4 Status Register
T4 flags	T4 bit	T4 interrupt
T4 Index Register	T4 indexed addressing	T4 general-purpose registers

T4 zhuàng tài jì cún qì	T4 lěi jiā qì	T4 dāng qián zhǐ lìng jì cún qì
T4 zhōng duàn	T4 wèi	T4 biāo zhì
T4 tōng yòng jì cún qì	T4 biàn zhǐ xún zhǐ	T4 biàn zhǐ jì cún qì

T4 register transfer	T4 control bus	T4 address bus
T4 data bus	T4 word size	T4 number of cores
T4 cores	T4 amount of RAM	T4 RAM

T4 dì zhǐ zǒng xiàn	T4 kòng zhì zǒng xiàn	T4 jì cún qì chuán sòng
T4 hé xīn	T4 zì cháng	T4 shù jù zǒng xiàn
T4 suí jī cún qǔ cún chǔ qì	T4 suí jī cún qǔ cún chǔ qì	T4 hé xīn

T4 page	T4 cache memory	T4 cache
T4 secondary storage	T4 port	T4 peripheral
T4 register transfer notation	T4 interrupt service routine	T4 interrupt register

T4 gāo sù huǎn cún	T4 gāo sù huǎn cún	T4 yè
T4 wài wéi shè bèi	T4 duān kǒu	T4 fǔ zhù cún chǔ qì
T4 zhōng duàn jì cún qì	T4 zhōng duàn fú wù chéng xù	T4 jì cún qì chuán sòng jì fǎ

T4 stack	T4 assembly language	T4 machine code
T4 mnemonics	T4 assembler	T4 symbol table
T4 label	T4 forward references	T4 opcode

T4 jī qì mǎ	T4 huì biān yǔ yán	T4 zhàn
T4 fú hào biǎo	T4 huì biān qì	T4 zhù jì fú
T4 cāo zuò mǎ	T4 qián xiàng yǐn yòng	T4 biāo qiān

T4 addressing mode	T4 immediate addressing	T4 direct addressing
T4 indirect addressing	T4 relative addressing	T4 logical shift
T4 cyclic shift	T4 mask	T5 operating system

T4 zhí jiē xún zhǐ	T4 lì jí xún zhǐ	T4 xún zhǐ fāng shì
T4 luó jí yí wèi	T4 xiāng duì xún zhǐ	T4 jiàn jiē xún zhǐ
T5 cāo zuò xì tǒng	T4 yǎn mǎ	T4 xún huán yí wèi

T5 processor	T5 multitasking	T5 memory management
T5 memory protection	T5 RAM	T5 secondary storage
T5 virtual memory	T5 paging	T5 process management

T5 nèi cún guǎn lǐ	T5 duō rén wù chǔ lǐ	T5 chǔ lǐ qì
T5 fǔ zhù cún chǔ qì	T5 suí jī cún qǔ cún chǔ qì	T5 nèi cún bǎo hù
T5 jìn chéng guǎn lǐ	T5 fēn yè	T5 xū nǚ nèi cún

T5 process	T5 scheduling	T5 time slice
T5 device driver	T5 directory	T5 access rights
T5 authentication	T5 firewall	T5 hardware interrupt

T5 shí jiān piàn	T5 diào dù	T5 jìn chéng
T5 fǎng wèn quán xiàn	T5 mù lù	T5 shè bèi qū dòng
T5 yìng jiàn zhōng duàn	T5 fáng huǒ qiáng	T5 shēn fèn yàn zhèng

T5 software interrupt	T5 interrupt handler	T5 utility program
T5 antivirus	T5 backup	T5 compression
T5 disk defragmenter	T5 fragmented	T5 incremental backups

T5 shí yòng chéng xù	T5 zhōng duàn chǔ lǐ chéng xù	T5 ruǎn jiàn zhōng duàn
T5 yā suō	T5 bèi fèn	T5 shā dú ruǎn jiàn
T5 zēng liàng bèi fèn	T5 suì piàn huà	T5 suì piàn zhěng lǐ

T5 program library	T5 subroutines	T5 library routines
T5 static library	T5 executable	T5 dynamic library
T5 translator	T5 machine code	T5 assembler

T5 kù lì chéng	T5 zì chéng xù	T5 chéng xù kù
T5 dòng tài kù	T5 kě zhí xíng wén jiàn	T5 jìng tài kù
T5 huì biān qì	T5 jī qì mǎ	T5 fān yì qì

T5 assembly language	T5 compiler	T5 object code
T5 interpreter	T5 bytecode	T5 virtual machine
T5 just-in-time compilation	T5 portable	T5 integrated development environment

T5 mù biāo dài mǎ	T5 biān yì qì	T5 huì biān yǔ yán
T5 xū nǚ jī	T5 zì jié mǎ	T5 jiě shì qì
T5 jí chéng kāi fā huán jìng	T5 kě yí zhí de	T5 jí shí biān yì

T5 debugger	T5 context-sensitive prompts	T5 auto-complete
T5 dynamic syntax checks	T5 prettyprint	T5 syntax highlighting
T5 single stepping	T5 report window	T5 version control

T5 zì dòng bǔ quán	T5 shàng xià wén xiāng guān tí shì	T5 tiáo shì qì
T5 yǔ fǎ gāo liàng	T5 dài mǎ měi huà	T5 dòng tài yǔ fǎ jiǎn chá
T5 bǎn běn kòng zhì	T5 bào gào chuāng kǒu	T5 dān bù zhí xíng

T5 refactoring	T5 unit test	T6 security
T6 privacy	T6 integrity	T6 unauthorised
T6 validation	T6 verification	T6 malware

T6 ān quán	T5 dān yuán cè shì	T5 chóng gòu
T6 wèi shòu quán	T6 wán zhěng xìng	T6 yǐn sī
T6 è yì ruǎn jiàn	T6 hé duì	T6 yàn zhèng

T6 ransomware	T6 man-in-the-middle	T6 virus
T6 worm	T6 Trojan horse	T6 spyware
T6 adware	T6 phishing	T6 pharming

T6 bìng dú	T6 zhōng jiān rén gōng jī	T6 lè suǒ ruǎn jiàn
T6 jiàn dié ruǎn jiàn	T6 mù mǎ	T6 rú chóng
T6 yù míng qī piàn	T6 wǎng luò diào yú	T6 guǎng gào ruǎn jiàn

T6 social engineering	T6 hacking	T6 hackers
T6 denial of service	T6 eavesdropping	T6 firewall
T6 two-factor authentication	T6 authentication	T6 encryption

T6 hēi kè	T6 hēi kè rù qīn	T6 shè huì gōng chéng
T6 fáng huǒ qiáng	T6 qiè tīng	T6 jù jué fú wù
T6 jiā mì	T6 shēn fèn yàn zhèng	T6 shuāng yīn sù rèn zhèng

T6 backup	T6 user accounts	T6 audit logs
T6 ciphertext	T6 access rights	T6 anti-spyware
T6 biometrics	T6 VPN	T6 private key

T6 shěn jì rì zhì	T6 yòng hù zhàng hù	T6 bèi fèn
T6 fǎn jiàn dié ruǎn jiàn	T6 fǎng wèn quán xiàn	T6 mì wén
T6 sī yào	T6 xū nǚ zhuān yòng wǎng	T6 shēng wù shí bié

T6 public key	T6 authorisation	T6 least-privilege
T6 plaintext	T6 Symmetric encryption	T6 asymmetric encryption
T6 access control	T6 check digit	T6 parity check

T6 zuì xiǎo quán xiàn	T6 shòu quán	T6 gōng yào
T6 fēi duì chèn jiā mì	T6 duì chèn jiā mì	T6 míng wén
T6 jī ǒu jiào yàn	T6 jiào yàn wèi	T6 fǎng wèn kòng zhì

T6 checksum	T6 cyclic redundancy check	T6 parity block check
T7 ethics	T7 privacy	T7 confidentiality
T7 conflicts of interest	T7 intellectual property	T7 code of conduct

T6 jī ǒu kuài jiào yàn	T6 xún huán rǒng yú jiào yàn	T6 jiào yàn hé
T7 bǎo mì xìng	T7 yǐn sī	T7 lún lǐ
T7 xíng wéi zhǔn zé	T7 zhī shí chǎn quán	T7 lì yì chōng tū

T7 bias	T7 copyright	T7 patent
T7 software licence	T7 proprietary	T7 open-source
T7 copyleft	T7 freeware	T7 shareware

T7 zhuān lì	T7 bǎn quán	T7 piān jiàn
T7 kāi yuán	T7 zhuān yǒu	T7 ruǎn jiàn xǔ kě zhèng
T7 gòng xiǎng ruǎn jiàn	T7 miǎn fèi ruǎn jiàn	T7 zhù zuǒ quán

T7 artificial intelligence	T7 machine learning	T7 Deep learning
T7 neural networks	T7 speech recognition	T7 image recognition
T7 machine translation	T7 recommendation systems	T7 autonomous vehicles

T7 shēn dù xué xí	T7 jī qì xué xí	T7 rén gōng zhì néng
T7 tú xiàng shí bié	T7 yǔ yīn shí bié	T7 shén jīng wǎng luò
T7 zì dòng jià shǐ qì chē	T7 tuī jiàn xì tǒng	T7 jī qì fān yì

T7 optical character recognition	T7 text-to-speech	T8 flat files
T8 data redundancy	T8 data inconsistency	T8 field
T8 integrity	T8 relational database	T8 table

T8 píng miàn wén jiàn	T7 wén běn zhuǎn yǔ yīn	T7 guāng xué zì fú shí bié
T8 zì duàn	T8 shù jù bù yī zhì	T8 shù jù rǒng yú
T8 biǎo	T8 guān xì shù jù kù	T8 wán zhěng xìng

T8 DBMS	T8 query	T8 SQL
T8 entity	T8 record	T8 tuple
T8 attribute	T8 primary key	T8 foreign key

T8 jié gòu huà chá xún yǔ yán	T8 chá xún	T8 shù jù kù guǎn lǐ xì tǒng
T8 yuán zǔ	T8 jì lù	T8 shí tǐ
T8 wài jiàn	T8 zhǔ jiàn	T8 shǔ xìng

T8 composite key	T8 candidate key	T8 secondary key
T8 indexing	T8 join	T8 referential integrity
T8 entity-relationship diagram	T8 cardinality	T8 one-to-many

T8 cì jiàn	T8 hòu xuǎn jiàn	T8 fù hé jiàn
T8 cān zhào wán zhěng xìng	T8 lián jiē	T8 suǒ yǐn
T8 yī duì duō	T8 jī shù	T8 shí tǐ guān xì tú

T8 link table	T8 normalisation	T8 normal forms
T8 atomic	T8 transitive dependency	T8 partial dependency
T8 data dictionary	T8 concurrent access	T8 transactions

T8 fàn shì	T8 guī fàn huà	T8 lián jiē biǎo
T8 bù fèn yī lài	T8 chuán dì yī lài	T8 yuán zi
T8 shì wù	T8 bìng fā fǎng wèn	T8 shù jù zì diǎn

T8 backup	T8 views	T8 data management
T8 data modelling	T8 logical schema	T8 data integrity
T8 data security	T8 query processor	T8 developer interface

T8 shù jù guǎn lǐ	T8 shì tú	T8 bèi fèn
T8 shù jù wán zhěng xìng	T8 luó jí mó shì	T8 shù jù jiàn mó
T8 kāi fā zhě jiē kǒu	T8 chá xún chǔ lǐ qì	T8 shù jù ān quán

T8 authentication	T8 Data Definition Language	T8 Data Manipulation Language
T8 aggregate functions	T9 computational thinking	T9 abstraction
T9 decomposition	T9 sub-problem	T9 procedure

T8 shù jù cāo zòng yǔ yán	T8 shù jù dìng yì yǔ yán	T8 shēn fèn yàn zhèng
T9 chōu xiàng	T9 jì suàn sī wéi	T8 jù hé hán shù
T9 guò chéng	T9 zì wèn tí	T9 fēn jiě

T9 modules	T9 algorithm	T9 sequence
T9 unambiguous	T9 deterministic	T9 identifier table
T9 identifier	T9 variable	T9 data type

T9 shùn xù	T9 suàn fǎ	T9 mó kuài
T9 bīao shí fú biǎo	T9 què dìng xìng	T9 wú qí yì
T9 shù jù lèi xíng	T9 biàn liàng	T9 bīao shí fú

T9 Boolean	T9 pseudocode	T9 flowchart
T9 selection	T9 iteration	T9 loop
T9 count-controlled loop	T9 pre-condition loop	T9 post-condition loop

T9 liú chéng tú	T9 wěi dài mǎ	T9 bù ěr
T9 xún huán	T9 dié dài	T9 xuǎn zé
T9 hòu cè xún huán	T9 qián cè xún huán	T9 jì shù xún huán

T9 assignment	T9 concatenation	T9 initialise
T9 counter	T9 structured English	T9 stepwise refinement
T9 logic statement	T9 precedence	T9 De Morgan's law

T9 chū shǐ huà	T9 pīn jiē	T9 fù zhí
T9 zhú bù qiú jīng	T9 jié gòu huà yīng yǔ	T9 jì shù qì
T9 dé mó gēn dìng lǚ	T9 yōu xiān jí	T9 luó jí yǔ jù

T10 data type	T10 index	T10 array
T10 record	T10 record structure	T10 field
T10 element	T10 bounds	T10 stack

T10 shù zǔ	T10 suǒ yǐn	T10 shù jù lèi xíng
T10 zì duàn	T10 jì lù jié gòu	T10 jì lù
T10 zhàn	T10 biān jiè	T10 yuán sù

T10 dimension	T10 lower bound	T10 upper bound
T10 linear search	T10 bubble sort	T10 file
T10 secondary storage	T10 text file	T10 end of file

T10 shàng jiè	T10 xià jiè	T10 wéi dù
T10 wén jiàn	T10 mào pào pái xù	T10 xiàn xìng chá zhǎo
T10 wén jiàn jié shù	T10 wén běn wén jiàn	T10 fǔ zhù cún chǔ qì

T10 push	T10 separator	T10 Abstract Data Type
T10 linked list	T10 pointer	T10 queue
T10 LIFO	T10 FIFO	T10 pop

T10 chōu xiàng shù jù lèi xíng	T10 fēn gé fú	T10 rù zhàn
T10 duì liè	T10 zhǐ zhēn	T10 liàn biǎo
T10 chū zhàn	T10 xiān jìn xiān chū	T10 hòu jìn xiān chū

T10 enqueue	T10 dequeue	T10 node
T10 traverse	T10 free list	T10 overflow
T10 underflow	T10 circular array	T11 flowchart

T10 jié diǎn	T10 chū duì	T10 rù duì
T10 yì chū	T10 kòng xián liè biǎo	T10 biàn lì
T11 liú chéng tú	T10 xún huán shù zǔ	T10 xià yì

T11 structured English	T11 pseudocode	T11 assignment
T11 constant	T11 identifier	T11 array
T11 operators	T11 precedence	T11 function

T11 fù zhí	T11 wěi dài mǎ	T11 jié gòu huà yīng yǔ
T11 shù zǔ	T11 biāo shí fú	T11 cháng liàng
T11 hán shù	T11 yōu xiān jí	T11 yùn suàn fú

T11 library routines	T11 insert	T11 parameters
T11 program library	T11 concatenation	T11 selection
T11 nested	T11 logic error	T11 trace table

T11 cān shù	T11 fù yè	T11 kù lì chéng
T11 xuǎn zé	T11 lián jiē	T11 chéng xù kù
T11 gēn zōng biǎo	T11 luó jí cuò wù	T11 qiàn tài

T11 iteration	T11 count-controlled loop	T11 pre-condition loop
T11 post-condition loop	T11 dry run	T11 procedure
T11 structured programming	T11 subroutines	T11 return value

T11 qián cè xún huán	T11 jì shù xún huán	T11 dié dài
T11 guò chéng	T11 shǒu gōng gēn zōng	T11 hòu cè xún huán
T11 fǎn huí zhí	T11 zì chéng xù	T11 jié gòu huà biān chéng

T11 arguments	T11 pass by value	T11 pass by reference
T11 global variable	T11 local variable	T11 scope
T11 decomposition	T11 signature	T11 format

T11 chuán yǐn yòng	T11 chuán zhí	T11 shí cān
T11 zuò yòng yù	T11 jú bù biàn liàng	T11 quán jú biàn liàng
T11 gé shì	T11 qiān míng	T11 fēn jiě

T11 Validation	T11 run-time error	T11 invariant
T11 linear search	T11 syntax error	T11 IDE
T11 breakpoint	T11 single stepping	T12 development life cycle

T11 bù biàn liàng	T11 yùn xíng shí cuò wù	T11 yàn zhèng
T11 jí chéng kāi fā huán jìng	T11 yǔ fǎ cuò wù	T11 xiàn xìng chá zhǎo
T12 kāi fā shēng mìng zhōu qī	T11 dān bù zhí xíng	T11 duàn diǎn

T12 requirements	T12 waterfall	T12 maintenance
T12 iterative model	T12 Rapid Application Development	T12 prototype
T12 Agile	T12 structure chart	T12 parameters

T12 wéi hù	T12 pù bù mó xíng	T12 xū qiú
T12 yuán xíng	T12 kuài sù yìng yòng kāi fā	T12 dié dài mó xíng
T12 cān shù	T12 jié gòu tú	T12 mǐn jié

T12 pseudocode	T12 test plan	T12 implementation
T12 boundary data	T12 acceptance testing	T12 hierarchical decomposition
T12 decomposition	T12 subroutines	T12 state-transition diagram

T12 shí xiàn	T12 cè shì jì huà	T12 wěi dài mǎ
T12 fēn jiě	T12 yàn shōu cè shì	T12 biān jiè shù jù
T12 zhuàng tài zhuǎn huàn tú	T12 zi chéng xù	T12 fēn jiě

T12 states	T12 syntax error	T12 run-time error
T12 logic error	T12 dry run	T12 trace table
T12 walkthrough	T12 white-box testing	T12 black-box testing

T12 yùn xíng shí cuò wù	T12 yǔ fǎ cuò wù	T12 zhuàng tài
T12 gēn zōng biǎo	T12 shǒu gōng gēn zōng	T12 luó jí cuò wù
T12 hēi hé cè shì	T12 bái hé cè shì	T12 zǒu chá

T12 integration testing	T12 alpha testing	T12 beta testing
T12 stub	T12 corrective maintenance	T12 test strategy
T12 normal data	T12 abnormal data	T12 extreme data

T12 β β cè shì	T12 α α cè shì	T12 jí chéng cè shì
T12 cè shì cè lüè	T12 jiū zhèng xìng wéi hù	T12 zhuāng
T12 jí duān shù jù	T12 yì cháng shù jù	T12 zhèng cháng shù jù

T12 perfective maintenance	T12 adaptive maintenance	T12 regression testing
T13 user-defined type	T13 field	T13 record
T13 set	T13 class	T13 composite type

T12 huí guī cè shì	T12 shì yìng xìng wéi hù	T12 wán shàn xìng wéi hù
T13 jì lù	T13 zì duàn	T13 yòng hù dīng yì lèi xíng
T13 fù hé lèi xíng	T13 lèi	T13 jí hé

T13 enumerated type	T13 pointer	T13 linked list
T13 dereference	T13 object	T13 methods
T13 constructor	T13 File organisation	T13 serial file

T13 liàn biǎo	T13 zhǐ zhēn	T13 méi jǔ lèi xíng
T13 fāng fǎ	T13 duì xiàng	T13 jiě yǐn yòng
T13 chuàn xíng wén jiàn	T13 wén jiàn zǔ zhī	T13 gòu zào hán shù

T13 sequential file	T13 random file	T13 direct access
T13 hash function	T13 sequential access	T13 deterministic
T13 collision	T13 linear probing	T13 chaining

T13 zhí jiē cún qǔ	T13 suí jī wén jiàn	T13 shùn xù wén jiàn
T13 què dìng xìng	T13 shùn xù cún qǔ	T13 sàn liè hán shù
T13 liàn jiē fǎ	T13 xiàn xìng tàn cè	T13 chōng tū

T13 load factor	T13 overflow area	T13 overflow
T13 floating-point	T13 mantissa	T13 exponent
T13 two's complement	T13 normalised	T13 rounding errors

T13 yì chū	T13 yì chū qū	T13 zhuāng tián yīn zi
T13 zhǐ shù	T13 wěi shù	T13 fú diǎn
T13 shě rù wù chā	T13 guī gé huà	T13 bǔ mǎ

T13 underflow	T13 fixed-point	T13 BCD
T13 precision	T13 range	T14 protocol
T14 layers	T14 modularity	T14 abstraction

T13 èr jìn mǎ shí jìn shù	T13 dǐng diǎn	T13 xià yì
T14 xié yì	T13 fàn wéi	T13 jīng dù
T14 chōu xiàng	T14 mó kuài huà	T14 céng

T14 protocol suite	T14 application layer	T14 transport layer
T14 port numbers	T14 TCP	T14 connection-oriented
T14 UDP	T14 connectionless	T14 internet layer

T14 chuán shū céng	T14 yìng yòng céng	T14 xié yì zhàn
T14 miàn xiàng lián jiē	T14 chuán shū kòng zhì xié yì	T14 duān kǒu hào
T14 wǎng luò céng	T14 wú lián jiē	T14 yòng hù shù jù bào xié yì

T14 modem	T14 link layer	T14 CSMA/CD
T14 switch	T14 fibre-optic cable	T14 satellite dish
T14 HTTP	T14 FTP	T14 SMTP

T14 / zài bō zhēn tīng duō lù fǎng wèn / chōng tū jiǎn cè	T14 liàn lù céng	T14 tiáo zhì jiě tiáo qì
T14 wèi xīng tiān xiàn	T14 guāng xiān	T14 jiāo huàn jī
T14 jiǎn dān yóu jiàn chuán shū xié yì	T14 wén jiàn chuán shū xié yì	T14 chāo wén běn chuán shū xié yì

T14 peer-to-peer	T14 tracker	T14 swarm
T14 seed	T14 circuit switching	T14 reserved bandwidth
T14 packet switching	T14 multiplexed	T14 variable latency

T14 qún	T14 zhuī zōng qì	T14 duì děng wǎng luò
T14 dài kuān	T14 diàn lù jiāo huàn	T14 zhǒng zǐ
T14 yán chí	T14 duō lù fù yòng	T14 fēn zǔ jiāo huàn

T14 sequence number	T14 routing table	T14 acknowledgement
T14 checksum	T14 IP address	T14 bandwidth
T14 latency	T14 header	T15 motherboard

T14 què rèn	T14 lù yóu biǎo	T14 xù hào
T14 dài kuān	T14 IP IP dì zhǐ	T14 jiào yàn hé
T15 zhǔ bǎn	T14 shǒu bù	T14 yán chí

T15 CISC	T15 RISC	T15 register
T15 interrupt	T15 pipeline	T15 ALU
T15 hazard	T15 throughput	T15 heat-sink

T15 jì cún qì	T15 jīng jiǎn zhǐ lìng jí	T15 fù zá zhǐ lìng jí
T15 suàn shù luó jí dān yuán	T15 liú shuǐ xiàn	T15 zhōng duàn
T15 sàn rè qì	T15 tūn tǔ liàng	T15 mào xiǎn

T15 Flynn's taxonomy	T15 SIMD	T15 MIMD
T15 graphics card	T15 massively parallel	T15 distributed memory
T15 machine learning	T15 supercomputers	T15 server

T15 duō zhǐ líng duō shù jù	T15 dān zhǐ líng duō shù jù	T15 fú lín fēn lèi
T15 fēn bù shì nèi cún	T15 dà guī mó bìng xíng	T15 xiǎn kǎ
T15 fú wù qì	T15 chāo jí jì suàn jī	T15 jī qì xué xí

T15 data centre	T15 virtual machine	T15 hypervisor
T15 sandboxing	T15 bytecode	T15 just-in-time compilation
T15 host operating system	T15 guest operating system	T15 Boolean algebra

T15 xū nǚ jī jiān kòng qì	T15 xū nǚ jī	T15 shù jù zhōng xīn
T15 jí shí biān yì	T15 zì jié mǎ	T15 shā xiāng
T15 bù ěr dài shù	T15 kè hù cāo zuò xì tǒng	T15 sù zhǔ cāo zuò xì tǒng

T15 Boolean	T15 absorption	T15 sum-of-products
T15 Karnaugh map	T15 Gray code	T15 half adder
T15 carry	T15 full adder	T15 flip-flop

T15 jī zhī hé	T15 xī shōu lǜ	T15 bù ěr
T15 bàn jiā qì	T15 gé léi mǎ	T15 kǎ nuò tú
T15 chù fā qì	T15 quán jiā qì	T15 jìn wèi

T15 bistable	T15 toggle	T15 SRAM
T15 clock	T15 SR flip-flop	T15 JK flip-flop
T16 multi-tasking	T16 paging	T16 spooling

T15 RAM jìng tài RAM	T15 fān zhuǎn	T15 shuāng wǎn tài
T15 JK JK chù fā qì	T15 SR SR chù fā qì	T15 shí zhōng
T16 jiǎ tuō jī	T16 fēn yè	T16 duō rén wù

T16 cache	T16 process	T16 scheduler
T16 round robin	T16 time slice	T16 pre-emptive
T16 blocked	T16 process control block	T16 context switch

T16 diào dù qì	T16 jìn chéng	T16 gāo sù huǎn cún
T16 qiǎng zhàn shì	T16 shí jiān piàn	T16 lún zhuàn
T16 shàng xià wén qiè huàn	T16 jìn chéng kòng zhì kuài	T16 zǔ sè

T16 kernel	T16 interrupt handler	T16 interrupt handling
T16 inter-process communication	T16 pipes	T16 shared memory
T16 virtual address space	T16 frames	T16 page fault

T16 zhōng duàn chǔ lǐ	T16 zhōng duàn chǔ lǐ chéng xù	T16 nèi hé
T16 gòng xiǎng nèi cún	T16 guǎn dào	T16 jìn chéng jiān tōng xìn
T16 quē yè	T16 yè kuāng	T16 xū nǚ dì zhǐ kōng jiān

T16 swap file	T16 thrashing	T16 segmentation
T16 disk thrashing	T16 interpreter	T16 compiler
T16 machine code	T16 lexical analysis	T16 tokens

T16 fēn duàn	T16 dǒu dòng	T16 jiāo huàn wén jiàn
T16 biān yì qì	T16 jiě shì qì	T16 cí pán dǒu dòng
T16 cí fǎ dān yuán	T16 cí fǎ fēn xī	T16 jī qì mǎ

T16 syntax analysis (parsing)	T16 abstract syntax tree	T16 syntax error
T16 semantic analysis	T16 code generation	T16 code optimisation
T16 symbol table	T16 grammar	T16 Backus-Naur Form

T16 yǔ fǎ cuò wù	T16 chōu xiàng yǔ fǎ shù	T16 yǔ fǎ fēn xī
T16 dài mǎ yōu huà	T16 dài mǎ shēng chéng	T16 yǔ yì fēn xī
T16 - bā kē sī - nuò ěr fàn shì	T16 wén fǎ	T16 fú hào biǎo

T16 production rule	T16 terminal	T16 non-terminal
T16 syntax diagram	T16 infix	T16 Reverse Polish Notation
T16 postfix	T16 stack	T16 precedence

T16 fēi zhōng jié fú	T16 zhōng jié fú	T16 chǎn shēng shì
T16 nì bō lán biǎo shì fǎ	T16 zhōng zhùi	T16 yǔ fǎ tú
T16 yōu xiān jí	T16 zhàn	T16 hòu zhùi

T16 bytecode	T17 encryption	T17 plaintext
T17 ciphertext	T17 decryption	T17 quantum cryptography
T17 eavesdropper	T17 symmetric encryption	T17 key distribution

T17 míng wén	T17 jiā mì	T16 zì jié mǎ
T17 liàng zǐ mì mǎ xué	T17 jiě mì	T17 mì wén
T17 mì yào fēn fā	T17 duì chèn jiā mì	T17 qiè tīng zhě

T17 asymmetric encryption	T17 integrity	T17 public key
T17 private key	T17 digital signature	T17 hardware security key
T17 session key	T17 cryptographic hash	T17 digest

T17 gōng yào	T17 wán zhěng xìng	T17 fēi duì chèn jiā mì
T17 yìng jiàn ān quán mì yào	T17 shù zì qiān míng	T17 sī yào
T17 zhāi yào	T17 mì mǎ sǎn liè	T17 huì huà mì yào

T17 TLS	T17 authentication	T17 authenticates
T17 handshake	T17 digital certificate	T17 Certificate Authority
T17 man-in-the-middle	T18 artificial intelligence	T18 machine learning

T17 rèn zhèng	T17 shēn fèn yàn zhèng	T17 chuán shū céng ān quán
T17 zhèng shū bān fā jī gòu	T17 shù zì zhèng shū	T17 wò shǒu
T18 jī qì xué xí	T18 rén gōng zhì néng	T17 zhōng jiān rén gōng jī

T18 deep learning	T18 neural networks	T18 humanoid robot
T18 graph	T18 edges	T18 minimax
T18 semantic network	T18 knowledge graph	T18 breadth-first search

T18 rén xíng jī qì rén	T18 shén jīng wǎng luò	T18 shēn dù xué xí
T18 jí xiǎo huà jí dà	T18 biān	T18 tú
T18 guǎng dù yōu xiān sōu suǒ	T18 zhī shí tú pǔ	T18 yǔ yì wǎng luò

T18 depth-first search	T18 weight	T18 heuristic
T18 artificial neuron	T18 bias term	T18 activation function
T18 hidden layers	T18 deep neural network	T18 image recognition

T18 qǐ fā shì	T18 quán zhòng	T18 shēn dù yōu xiān sōu suǒ
T18 jī huó hán shù	T18 piān zhì xiàng	T18 rén gōng shén jīng yuán
T18 tú xiàng shí bié	T18 shēn dù shén jīng wǎng luò	T18 yǐn cáng céng

T18 speech recognition	T18 machine translation	T18 reinforcement learning
T18 supervised learning	T18 classification	T18 regression
T18 unsupervised learning	T18 cluster	T18 training data

T18 qiáng huà xué xí	T18 jī qì fān yì	T18 yǔ yīn shí bié
T18 huí guī	T18 fēn lèi	T18 jiān dū xué xí
T18 xùn liàn shù jù	T18 jù lèi	T18 wú jiān dū xué xí

T18 learning rate	T18 self-driving car	T18 agent
T18 reward	T18 policy	T18 lidar
T18 backpropagation	T18 gradient descent	T18 loss function

T18 zhì néng tǐ	T18 zì dòng jià shǐ qì chē	T18 xué xí lǚ
T18 jī guāng léi dá	T18 cè lüè	T18 jiǎng lì
T18 sǔn shī hán shù	T18 tī dù xià jiàng	T18 fǎn xiàng chuán bō

T18 epochs	T18 linear regression	T18 optical character recognition
T18 text-to-speech	T19 insertion sort	T19 bubble sort
T19 binary search	T19 array	T19 linear search

T18 guāng xué zì fú shí bié	T18 xiàn xìng huí guī	T18 xùn liàn lún cì
T19 mào pào pái xù	T19 chā rù pái xù	T18 wén běn zhuǎn yǐ yīn
T19 xiàn xìng chá zhǎo	T19 shù zǔ	T19 èr fēn chá zhǎo

T19 linked list	T19 in place	T19 stable
T19 stack	T19 queue	T19 node
T19 binary tree	T19 dictionary	T19 circular queue

T19 wěn dìng	T19 yuán dì	T19 liàn biǎo
T19 jié diǎn	T19 duì liè	T19 zhàn
T19 xún huán duì liè	T19 zì diǎn	T19 èr chā shù

T19 free list	T19 time complexity	T19 Big-O notation
T19 space complexity	T19 recursion	T19 call stack
T19 base case	T19 recursive case	T19 factorial

T19 O dà O biǎo shì fǎ	T19 shí jiān fù zá dù	T19 kòng xián liè biǎo
T19 diào yòng zhàn	T19 dì guī	T19 kōng jiān fù zá dù
T19 jiē chéng	T19 dì guī qíng xíng	T19 jī běn qíng xíng

T19 divide-and-conquer	T19 general case	T19 parameters
T19 stack overflow	T19 memoisation	T19 stack frame
T19 return address	T20 programming paradigm	T20 facts

T19 cān shù	T19 yì bān qíng xíng	T19 fēn zhì
T19 zhàn zhēn	T19 jì yì huà	T19 zhàn yì chū
T20 shì shí	T20 biān chéng fàn shì	T19 fǎn huí dì zhǐ

T20 rule	T20 low-level	T20 methods
T20 machine code	T20 assembly language	T20 array
T20 imperative programming	T20 object-oriented programming	T20 instances

T20 fāng fǎ	T20 dī jí	T20 guī zé
T20 shù zǔ	T20 huì biān yǔ yán	T20 jī qì mǎ
T20 shí lì	T20 miàn xiàng duì xiàng biān chéng	T20 mìng lìng shì biān chéng

T20 encapsulation	T20 inheritance	T20 subclass
T20 superclass	T20 overriding	T20 polymorphism
T20 abstraction	T20 constructor	T20 aggregation

T20 zi lèi	T20 jì chéng	T20 fēng zhuāng
T20 duō tài	T20 chóng xiě	T20 fù lèi
T20 jù hé	T20 gòu zào hán shù	T20 chōu xiàng

T20 containment	T20 declarative programming	T20 functional programming
T20 pure functions	T20 side effects	T20 logic programming
T20 SQL	T20 file	T20 random file

T20 hán shù shì biān chéng	T20 shēng míng shì biān chéng	T20 bāo hán
T20 luó jí biān chéng	T20 fù zuò yòng	T20 chún hán shù
T20 suí jī wén jiàn	T20 wén jiàn	T20 jié gòu huà chá xún yǔ yán

T20 hashing	T20 exception	T20 exception handling
T20 raise	T20 call stack	

T20 yì cháng chǔ lǐ	T20 yì cháng	T20 hā xī
	T20 diào yòng zhàn	T20 pāo chū