**Chapter 1**

P1: transportation engineering交通运输工程, traffic engineering交通工程

**Chapter 2**

P32: decision sight distance决策视距

**Chapter 5**

P96: Traffic stream parameter交通流参数, AADT, AAWT, ADT, AWT

P100: Time mean speed (TMS)时间平均速度, Space mean speed (SMS).空间平均速度

P101: density密度

P102: occupancy占有率

**Chapter 9**

P165: volume交通量, rate of flow流率, demand需求, capacity通行能力

P174: unstable queue buildup

P178: control counts, coverage counts

**Chapter 10**

P199:各种延误stopped-time delay, approach delay, time-in-queue delay, control delay

Average or time mean speed, standard deviation, 85th percentile speed, median, pace

P202: frequency distribution curve频率分布曲线, cumulative frequency distribution curve累积次数分布曲线

P203: the median speed中位速度

P204: the mode speed

P212: floating/maximum/average car technique

**Chapter 11**

P234: 关于事故accident occurrence, accident involvement, accident severity事故严重性

P236: severity index (SI)严重性指数

**Chapter 12**

P259: Parking accumulation停车累积, parking duration停车分布

**Chapter 13**

P277: capacity通行能力

P278: basic capacity基本通行能力, possible capacity可能通行能力, practical capacity实际通行能力

P280: level of service (LOS)服务水平

P281: service flow (SF) rate服务流率,

P282: V/C ration

**Chapter 14**

P294: Access-point density接入点密度

P296: heavy vehicle重型车

P297: passenger-car equivalent车辆换算系数

**Chapter 16**

P365: passing sight distance超车视距

P367: percent time spent following, percent free-flow speed

**Chapter 20**

P462: cycle周期, cycle length周期时长, interval时段, change interval黄灯时段, clearance interval清空时段, green interval绿灯时段, red interval红灯时段, phase相位, Pretimed operation定时控制,

semi-actuated operation半感应式控制：在半感应式控制中，感应器被放置在支路上，主路上不设置感应器。主路的信号灯始终为绿，直到支路上的绿灯信号需求被检测到，支路才会被分配到绿灯相位。

full actuated operation感应式控制：在感应式控制中，交叉口的每个进口道都被感应器监控。绿灯的分配是根据感应器检测到的交通量和预先设定的分配绿灯的标准而决定。感应式控制中，周期长度，相位顺序以及绿灯时间划分每个周期之间都可能不一样。

P463: master controllers, computer control, adaptive traffic control system, permitted left turns许可性左转

P464: protected left turns保护型左转, compound left turns混合左转

P466: saturation headway饱和车头时距, saturation flow rate饱和流率, start-up lost time启动损失时间, clearance lost time清空损失时间

P467: effective green/red time有效绿灯/红灯时间

P469: critical lane临界车道

P479: uniform delay, random delay, overflow delay

P481: oversaturation

**Chapter 21**

P492: phase diagram相位图, ring diagram

P494: the leading green, the overlapping through green, the lagging green

P504: dilemma zone两难区