上海交通大学在线考试诚信承诺书 SJTU Online Examination Honor Code Letter

考试不仅是对学习成效的检查,更是对道德品质的检验。自觉维护学校的考风考纪,营造公平、公正的考试环境是全体同学的共同责任和义务。特别在疫情防控的特殊时期,更应强化自律意识,恪守诚信,拒绝舞弊,做一名诚实守信的新时代大学生,用诚信的考试构筑诚信的人生。

Examination is the evaluation of both learning effect and morality. It is the responsibility and obligation of all students to consciously maintain the school's common examination practice, abide by the discipline and create a fair and just examination environment. Especially in the special period of epidemic prevention and control, we should strengthen the consciousness of self-discipline, abide by the integrity, refuse to cheat, be an honest and trustworthy college student in the new era, and build an honest life from the integrity test.

我郑重承诺 I solemnly promise:

- (1)本人将履约践诺,知行统一;遵从诚信规范,恪守学术道德;自尊自爱,自省自律。I will fulfill my promise, unify between knowledge and action, abide by the rules of integrity, academic ethics, be self-respected and self-disciplined.
- (2) 在线考试过程中,自觉遵守学校和老师宣布的考试纪律(详见《上海交通大学本科生学生手册》中的《学生考试纪律规定》,沪交教【2019】28号),不剽窃,不违纪,不作弊。In the process of online examination, I will consciously abide by the examination discipline announced by the school and the teachers (see the regulations on student examination discipline in the undergraduate student handbook of Shanghai Jiao Tong University, HJJ [2019] No. 28), and do not plagiarize, violate discipline or cheat.
- (3) 若违反相关考试规定和纪律要求,自愿接受学校的严肃处理或处分。In case of violation of relevant examination regulations and discipline, students shall bear the serious treatment or punishment from the school.

承诺人 Committed by: 以到云

(学号 Student No: 10030 110366)

日期 Date (Y/M/D): 22}年 1月 }日

上海交通大学答题纸

(20_ 至 20__ 学年 第 学期)

班级号上2003802 学号上20030910366

姓名拉勒云成绩

我承诺, 我将严 格遵守考试纪律。

承诺人: 经知识

题号					
得分					
批阅人(流水阅 卷教师签名处)					

1.C 2.B 3.C4.DJ.D 6.A 7.A 8.C9.B 10.B

- = . 1. infinite.
 - 2. (TAABATCIVCTAATIBAC)
 - 3. 72
 - 4. JXIPX -> VY TQYNTRY)
 - 7. Z, X
 - b. 3x x Xx = 1+1
 - 7. b
 - 8. XX YY YZ 17 X= Y 17 Y= Z -> X= Z]]
 - 9. V, x V, < V,
 - 10. 7d is a tautology

=. U): Q = IN X/N is effectively enumerale

i. I an algorithm Alisting Q, and Ing (Q)

is effectively enumerable.

Then we can construct the following algorithm B:

for 1, 2,3 ... : < Initial Sas p because A is the

if i == 1 :
start A

else:

run A from i-1 th iteration .

if A has output now:

#a, b = output.

if a not ins:

as = sula)

else: continue.

obviously & can effectively Blist Q.

Obviously B can effectively list. P. Nithout
Vepetition.

Therefore, Pis effectively

ively enverable.

上海交通大学答题纸

(20_ 至 20__ 学年 第__学期)

课程名称 姓名经知证 = 121. Suppose algorithm 6 and D are can effectively list A and B. Then we construct the following algorithm: Initial A-s, B-s, as \$ for i=1,2 V r i=1,2.... for one iteration. irun algorithm C and D. get a output. A-0, B-0= output. It A-o in B-skemd A-o not in D + DV1A-0] A-S + A-S V] 4-0 } If B-o in A-s and not in): print B-0 1 D+ DU/B-0). B-56-13-5V/B-0) 13-5 C 13-5V (10)

Obviously the above algorithm corneffectively enumerate list Alis without repetitition. Because if #A-O in B-S will ontput in first order and B-O x will ontput in second order.

Therefore, Alis is effectively enumerable.

Int they not in limit themet).

上海交通大学答题纸

(20_ 至 20__ 学年 第__学期)

课程名称 _____

姓名然和社

1 (2) if a for any truth assignment & if \$ s.t. Σ, then V s.t α.

(=) for any truth assignment V if V s.t & for all BEE, then . V s.t d.

ofor any truth assignment V, if V s.t IVO, which means:

1. V satisfies all wffs $\lambda \in \Sigma Vo. (V s.t all wffs <math>\lambda \in \Sigma)$ $X: \Sigma Ed.$ NV Satisfies $d. \Rightarrow \Sigma Vo Ed.$

2. V satisfies all wffs λ εΣνο (V s.t all wffs λ ερ)

R; from 1 welcoop V s.t d.

· V s.t OU d} x: OV d} EB

Therefore, if I = d and OVId |= B, then I VO I=B.

(2).

上海交通大学答题

(20 至 20 学年 第 学期)

课程名称

姓名烧到社

五W. JxPx -> Qx

(=> * There exists x, 可Px then Qx. (故)

Yx (Px-> = y Qy)

(=) for any x, if Px then INDY

(=> for any (x, if Px, then there aists y, Qy.

from & we know There exists x, if Px then Qx

(5) There exists x x PMx then there exists x Qx

(=) if there exists x Px then there exists y Qy

CO JXPX S > FYBY.

from above we know, if A X Px, then . 7 y Ry.

Therefore, Yx(Px > 3y Qy) holds.

12) a. 31) is definable with. WYV2 V2XV1=V2.

b. mark a's formula as p, replace V, in pasx, and read pix). then we can define {2} with the p(v2) 1 (V, x V, = V2 + V2)

海 交 通 大 学 答 题 纸

(20 至 20 学年 第 学期)

课程名称 姓名铁利安 as the homonorphism function. htm. N1. h102) - 0 = 03 he par - 1= 12-1-1= 1= 0 13 2. h(a+b) = h(a) + h(b) = hin = 1 n. hit =+ 3 hix = x3 1. hlor)=hw>=0=03 hum=1=13. 2. h(a+b) = h(a) + h(b) = a+3 hibb = a+b = = h((a+b)) = h(a+b) = a+b. h(ax^b) = h(a) x3 h(b) = ax b = axb = teax b) hecarbi)=hearb)= axb

头.不

: hornorphism doesn't require surjective.

in him) set the requirement of hormorphism

