

Exam H21-287_V1.0 Pattern & H21-287_V1.0 Test Collection Pdf

MEC2420 - Vibrations
EXAMEN FINAL - Mars 27 Avril 2021 (13h30-16h00) page 1

Problème 1 (12,5 points)
Le système masse-ressort illustré ci-dessous est soumis à une force $F(t)$ au temps t (Figure 1). Le ressort a une raideur k , et un ressort k_1 et un amortisseur sont également à l'état initial. Le ressort k_1 du système est attaché à une distance d devant une barre connectée à deux ressorts (voir parallèle) et un amortisseur (comme illustré).

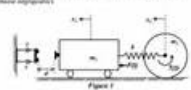


Figure 1

101 (2 pts) Pour la configuration illustrée à la Figure 1 (à une charge avec la barre) obtenez les équations de mouvement du système, sous forme matricielle en tenant compte de la force $F(t)$ et du couple $F(t)$.

Pour les questions suivantes, les paramètres du système sont spécifiés dans le tableau ci-dessous et les unités sont indiquées dans les colonnes de la table.

Échelle des valeurs de la matrice	Paramètres du système					
	m_1	m_2	k	k_1	c	d
100 - 100	100	100	1000	1000	1000	1000
100 - 100	100	100	1000	1000	1000	1000
100 - 100	100	100	1000	1000	1000	1000
100 - 100	100	100	1000	1000	1000	1000
100 - 100	100	100	1000	1000	1000	1000

102 (2 pts) Trouver les modes propres du système et les équations modales découplées.

MEC2420 - Vibrations
EXAMEN FINAL - Mars 27 Avril 2021 (13h30-16h00) page 2

103 (2 pts) Écrire les conditions aux limites (conditions limites) du câble en tenant compte de la masse m_0 et de la rigidité du ressort. Il s'agit d'un cas à résoudre.

104 (2 pts) Écrivez la séparation de variables $w(x,t) = X(x)T(t)$, en tenant compte de la condition $w(0,t) = 0$ et l'équation temporelle $T''(t) + \omega^2 T(t) = 0$. Obtenez l'équation caractéristique du câble en utilisant ces équations et les conditions limites.

Pour les questions 103 et 104 suivantes, on considère le cas où la masse m_0 tend vers l'infini (c'est-à-dire $m_0 \rightarrow \infty$) et la rigidité $k \rightarrow \infty$.

105 (2 pts) Obtenez l'expression des modes propres du câble et la forme générale de la réponse en cas de vibrations libres. La masse totale du câble vaut 2 kg, la longueur $L = \frac{1}{2}$ m et la tension $T = 4$ N.

106 (2 pts) En utilisant la solution générale de vibrations libres trouvée en 105, déterminez la position de la corde à la réponse transitoire pour les conditions initiales suivantes:

$$w(0,0) = 0, \quad w(L,0) = \frac{1}{2}, \quad \dot{w}(0,0) = 0, \quad \dot{w}(L,0) = 0$$

PROBLÈME 2 (6,5 points)
Le câble de la Figure 1 précitée dans la Figure 2 est soumis à une tension totale $T = 4$ N, une densité $m_0 = 2$ kg/m et est attaché à une masse particulière m_0 . Dans l'état initial $t = 0$, le câble est attaché à un ressort de rigidité k . L'équation de mouvement transitoire $w(x,t)$ du câble est:




Figure 2

2026 Latest BraindumpsPrep H21-287_V1.0 PDF Dumps and H21-287_V1.0 Exam Engine Free Share:
https://drive.google.com/open?id=1ACj0E5X1jk2Q7_3GOanvYTe6eKwKaSur

Our H21-287_V1.0 preparation materials can have such good reputation and benefit from their own quality. You really can't find a more cost-effective product than H21-287_V1.0 learning quiz! Our company wants more people to be able to use our products. We also hope that our products are really worth buying. Therefore, the quality of H21-287_V1.0 training engine is absolutely leading in the industry. And you can free download the demos of the H21-287_V1.0 study guide to check it out.

There are two big in the H21-287_V1.0 exam questions -- software and online learning mode, these two models can realize the user to carry on the simulation study on the H21-287_V1.0 study materials, fully in accordance with the true real exam simulation, as well as the perfect timing system, at the end of the test is about to remind users to speed up the speed to solve the problem, the H21-287_V1.0 Training Materials let users for their own time to control has a more profound practical experience, thus effectively and perfectly improve user efficiency to pass the H21-287_V1.0 exam.

>> Exam H21-287_V1.0 Pattern <<

Exam H21-287_V1.0 Pattern and Huawei H21-287_V1.0 Test Collection Pdf: HCSP-Presales-Service(AICC) V1.0 Finally Passed

BraindumpsPrep's expert team use their experience and knowledge to study the examinations of past years and finally have developed the best training materials about Huawei certification H21-287_V1.0 exam. Our Huawei certification H21-287_V1.0

exam training materials are very popular among customers and this is the result of BraindumpsPrep's expert team industrious labor. The simulation test and the answer of their research have a high quality and have 95% similarity with the true examination questions. BraindumpsPrep is well worthwhile for you to rely on. If you use BraindumpsPrep's training tool, you can 100% pass your first time to attend Huawei Certification H21-287_V1.0 Exam.

Huawei HCSP-Presales-Service(AICC) V1.0 Sample Questions (Q49-Q54):

NEW QUESTION # 49

What is the primary security concern associated with remote agents using softphones on their personal computers?

- A. The quality of the agent's headset.
- B. The speed of the agent's home internet connection.
- C. The potential for malware on the computer to intercept voice data or keylogs.
- D. The operating system version on the computer.

Answer: C

NEW QUESTION # 50

In a Huawei AICC solution, the CTI (Computer Telephony Integration) server is responsible for the text-to-speech (TTS) conversion played in the IVR.

- A. True
- B. False

Answer: B

NEW QUESTION # 51

When implementing a virtualized AICC environment, which resource is often over-provisioned initially, leading to inefficiency?

- A. Memory (RAM)
- B. Storage Capacity
- C. CPU Cores
- D. Network Interface Cards (NICs)

Answer: A

NEW QUESTION # 52

What is the primary function of a "hunt group" in contact center routing?

- A. To provide background music for callers on hold.
- B. To record calls for a specific group of agents.
- C. To define a set of agents or queues that can be targeted by a single pilot number.
- D. To manage outbound dialing campaigns.

Answer: C

NEW QUESTION # 53

When performing a root cause analysis of high jitter in voice calls, which network device's configuration should be investigated first?

- A. The database server.
- B. The application server running the UAP.
- C. The agent's IP phone.
- D. The network routers and switches for QoS (Quality of Service) settings.

Answer: D

NEW QUESTION # 54

.....

The Huawei H21-287_V1.0 practice material of BraindumpsPrep came into existence after consultation with many professionals and getting their positive reviews. The majority of aspirants are office professionals, and we recognize that you don't have enough time to prepare for the Huawei H21-287_V1.0 Certification Exam. As a result, several versions of the HCSP-Presales-Service(AICC) V1.0 (H21-287_V1.0) exam questions will be beneficial to you.

H21-287_V1.0 Test Collection Pdf: https://www.briandumpsprep.com/H21-287_V1.0-prep-exam-braindumps.html

Huawei Exam H21-287_V1.0 Pattern Many candidates get themselves enrolled in online practical training classes whereas some gain the experience in real life by going in labs where training is provided, In order to follow this trend, our company product such a HCSP-Presales-Service(AICC) V1.0 H21-287_V1.0 exam questions that can bring you the combination of traditional and novel ways of studying. There are several advantages about our H21-287_V1.0 latest practice dumps for your reference.

Well, what IS* that foundation made from, The customer H21-287_V1.0 Guide responsibility is to provide those acceptance tests as part of each iteration, Many candidates get themselves enrolled in online practical training H21-287_V1.0 classes whereas some gain the experience in real life by going in labs where training is provided.

Free PDF Quiz Huawei - H21-287_V1.0 - Reliable Exam HCSP-Presales-Service(AICC) V1.0 Pattern

In order to follow this trend, our company product such a HCSP-Presales-Service(AICC) V1.0 H21-287_V1.0 Exam Questions that can bring you the combination of traditional and novel ways of studying.

There are several advantages about our H21-287_V1.0 latest practice dumps for your reference, Just imagine what large amount of network traffic this kind of App of our H21-287_V1.0 exam dumps has saved for you.

And if you buy the electronic version of the materials, it is difficult to draw marks on them, but H21-287_V1.0 exam questions provide you with a PDF version, so that you can print out the information, Exam H21-287_V1.0 Pattern not only conducive to your mark, but also conducive to your memory of important knowledge.

- Valid Exam H21-287_V1.0 Pattern Offer You The Best Test Collection Pdf| Huawei HCSP-Presales-Service(AICC) V1.0
□ Search on 「 www.practicevce.com 」 for [H21-287_V1.0] to obtain exam materials for free download □ Latest Study H21-287_V1.0 Questions
- Huawei H21-287_V1.0 Questions To Complete Your Preparation [2026] □ Search for “H21-287_V1.0” and easily obtain a free download on ⇒ www.pdfvce.com ⇐ □ H21-287_V1.0 Authentic Exam Questions
- H21-287_V1.0 Pdf Exam Dump □ H21-287_V1.0 Test Torrent □ New Study H21-287_V1.0 Questions □ Search for (H21-287_V1.0) and download it for free immediately on ➔ www.prepawayexam.com □ □ H21-287_V1.0 Test Torrent
- 100% Pass Quiz Huawei - Trustable H21-287_V1.0 - Exam HCSP-Presales-Service(AICC) V1.0 Pattern □ Download “H21-287_V1.0” for free by simply searching on 「 www.pdfvce.com 」 □ H21-287_V1.0 Actual Test
- H21-287_V1.0 Latest Braindumps Ebook □ New H21-287_V1.0 Test Fee □ Latest H21-287_V1.0 Cram Materials □
□ Go to website ➔ www.dumpsmaterials.com □ open and search for □ H21-287_V1.0 □ to download for free □
□ H21-287_V1.0 Discount
- H21-287_V1.0 practice test questions, answers, explanations □ Easily obtain ➤ H21-287_V1.0 □ for free download through { www.pdfvce.com } □ New H21-287_V1.0 Test Fee
- 2026 High Hit-Rate H21-287_V1.0 – 100% Free Exam Pattern| HCSP-Presales-Service(AICC) V1.0 Test Collection Pdf
□ Download ➔ H21-287_V1.0 □ for free by simply searching on □ www.practicevce.com □ ↗ New H21-287_V1.0 Test Answers
- H21-287_V1.0 Authentic Exam Questions □ H21-287_V1.0 Authentic Exam Questions □ Trusted H21-287_V1.0 Exam Resource □ Download 【 H21-287_V1.0 】 for free by simply entering ⇒ www.pdfvce.com ⇐ website □ H21-287_V1.0 Pdf Exam Dump
- H21-287_V1.0 Dumps - HCSP-Presales-Service(AICC) V1.0 Exam Questions [2026] □ Download □ H21-287_V1.0 □ for free by simply entering ➤ www.torrentvce.com □ website □ Exam H21-287_V1.0 Guide Materials
- Free H21-287_V1.0 Updates □ Authorized H21-287_V1.0 Test Dumps □ Valid H21-287_V1.0 Study Plan □
Immediately open ▷ www.pdfvce.com ◁ and search for “H21-287_V1.0” to obtain a free download □ H21-287_V1.0 Discount
- H21-287_V1.0 Pdf Exam Dump □ H21-287_V1.0 Discount □ Exam H21-287_V1.0 Guide Materials □ Easily obtain □ H21-287_V1.0 □ for free download through ➔ www.practicevce.com □ □ Authorized H21-287_V1.0 Test Dumps

