

# SID



سرویس های ویژه



سرویس ترجمه تخصصی



کارگاه های آموزشی



بلاگ مرکز اطلاعات علمی



عضویت در خبرنامه



فیلم های آموزشی

## کارگاه های آموزشی مرکز اطلاعات علمی جهاد دانشگاهی



مباحث پیشرفته یادگیری عمیق؛ شبکه های توجه گرافی (GAN)

مباحث پیشرفته یادگیری عمیق؛  
شبکه های توجه گرافی  
(Graph Attention Networks)



آموزش استفاده از وب آو ساینس

کارگاه آنلاین آموزش استفاده از  
وب آو ساینس



کارگاه آنلاین مقاله روزمره انگلیسی



مرکز بررسی‌ها و مطالعات دریایی

سازمان بنادر و دریانوردی به عنوان تنها مرجع حاکمیتی کشور در امور بندری، دریایی و کشتی‌رانی بازرگانی به منظور ایفای نقش مرجعیت دانشی خود و در راستای تحقق راهبردهای کلان نقشه جامع علمی کشور مبنی بر "حمایت از توسعه شبکه‌های تحقیقاتی و تسهیل انتقال و انتشار دانش و سامان‌دهی علمی" از طریق "استانداردسازی و اصلاح فرایندهای تولید، ثبت، داوری و سنجش و ایجاد بانک‌های اطلاعاتی یکپارچه برای نشریات، اختراعات و اکتشافات پژوهشگران"، اقدام به ارایه این اثر در سایت SID می‌نماید.



سازمان بنادر و دریانوردی



## **The Principles and foundations of the maintenance system program in Port establishments**

**S.A. Bani Hashami Bazardeh**

### **Summary:**

The Principles and foundations of the maintenance system program in Port establishments.

The ports are of the most fundamental bases and the most important entrance and exit gates in any country. In every society, ports have special place in economical developments. Ports can be referred to as one of the basic and vital jugular veins in every country's economics. In order to establish the ports, which are parts of fixed national capital, many long financial credits are expended. Ports as a group of the major foundations in economical construction of society play a significant role in national and international transportation industry. Concerning the extra strategic importance of ports infrastructures, which are valuable stores in the economical developments, maintaining these solid economic supports have also special importance. The maintenance necessary sensitivity of these establishments becomes more when the geographical situation of ports establishments in climatic and atmospheric environmental conditions is too acute and crisis.

Lack of concern to the work of maintenance not only forces and allotes larg current credites but also causes the stagnation and block of operational activities. At last the dual expenditures will be forced to the system. In developing countries, the maintenance itself is one of the most important troubles which is not yet find it's real identity and place as a purposeful and useful system.

For the lack of this deficiency, large credites of state budjet is annually payed for current repairing expenditures in some parts of infrastructures. In case of forming and settling organized and useful maintenance system, these will be porovided a suitable bed not only to deerease the large repaireing expenditures but also to increase the technical useful age and the establishments dualoility in a clisired manner. By rearting the powerful and purposeful maintenance system in port complex it will be recognised that in order to maintiain and portect the infrastructures, which parts of establishments by which sum of annual foresighted credite need in which special time of usefulness period and for what time of output period by which way and what kind of materials should basically be used.

The purposeful maintenance system is based on such bases that programs the framework of all administrational works, then inspects and technically constructes the whole cycle of operational field of maintenance domain. Proper recognizing and applying these principles the programmed purposes of maintenance system can be done in a right way.

Therefore, from the beginning of enjoying the operational establishments, with a very high reliability and spending the least expenditure in a shortest time as it is possible, we can gradually so the formation and the strengthening of maintenance system in a port complex.

Some principles which are effective in creating maintenance system of port infrastructures are:

- 1- proper and methodical administration of project during construction period which will remove %80 of secondary maintenance system problems during enjoying the operational establishments period.
- 2- providing and regulating the primary administrative prescriptions, the quality inspections control lists and charts, providing the rules and the principal ways of enjoying the establishments before starting the project operational work.
- 3 – calculating and determining the allotted credits of annual need in the way of sinking fund and securing the financial credits and distributing at based on priority done under the port complex.
- 4 – Preparing the taught, expert and skillful people with needed technical skills in the fields of inspectional, administrative and preventive activities for maintaining and repairing by using the modern equipment and the most suitable equipments.
- 5- Calculating and determining long intervals in principle maintaining of the whole system and providing the needed materials during the maintenance period in the proper places and storehouses.
- 6- Establishing the inspectional quality control bases and administrative activities in sensitive places of collection and creating the connected relationship between bases and the central control base in order to speed the servicing operations and preventive activities and the on time efficient removal in the damaged and defective places.

# SID



سرویس های  
ویژه



سرویس ترجمه  
تخصصی



کارگاه های  
آموزشی



بلاگ  
مرکز اطلاعات علمی



عضویت در  
خبرنامه



فیلم های  
آموزشی

## کارگاه های آموزشی مرکز اطلاعات علمی جهاد دانشگاهی



مباحث پیشرفته یادگیری عمیق؛  
شبکه های توجه گرافی  
(Graph Attention Networks)



کارگاه آنلاین آموزش استفاده از  
وب آوساینس



کارگاه آنلاین مقاله روزمره انگلیسی