



# Parson's Cybernetics: An Analysis of the Cyber Market of Drug Abuse Among Teenagers (Legal Reforms on Drug Abuse)

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**Abstract.** The article titled “Parson’s Cybernetics: An Analysis of the Cyber Market of Drug Abuse among Teenagers” outlines the high involvement of children in the modus operandi of drug syndicates. The involvement of children certainly has its implications considering that narcotics transactions occupy one of the criminal acts that annually experience an increase in incidence. Furthermore, the existence of the cyber market in influencing narcotics abuse and expanding its spread to various circles is no exception among adolescents. The existence of interrelationships and reciprocity between subsets in the cybernetics theory initiated by Talcott Parsons can provide an overview of the existence of cases of increasing use and transactions of narcotics especially to conceptualize solutions to this problem. This research aims to produce an analysis of children’s involvement in narcotics transactions, providing an ideal concept for the eradication and completion of narcotics transaction practices, especially in the environment of children and teenagers.

**Keywords:** Narcotics · Talcott Parsons · Teenager

## 1 Introduction

The drug is still a complex problem to be addressed immediately in Indonesia. Looking at the juridical aspect, drug distributors are legal on a limited basis. Drugs are needed in the medical world. However, it has become a promising business field, which has an impact on the mental or physical damage to drug addicts over the limits determined by law. In the presence of addiction syndrome, drug abuse exists due to several demand factors, such as predeposition, contribution, and precipitation in which the abuse is followed by a supply factor [1]. The drug users at first commonly have it only for fun and an attempt, but the impact is what makes it difficult to escape from the danger of the drug [2].

Many drug cases of abuse also exist among teenagers. The rampant distribution of drugs among children can also exist due to the lack of parental supervision, environment, and emotional instability of the children themselves [3]. Many forms of syndicates take advantage of the *modus operandi* of drug smuggling by using underage children as couriers [4]. Surprisingly, drug abuse among students in Indonesia reaches 2.29 million people.

There are several factors underlying the widespread use of the drug among teenagers, such as the desire for being cool, making group/community/gang solidarity, relieving heartache, high curiosity, following friends, solving and forgetting problems/stress burdens, highlighting the rebellious act or feeling great, keep fatigued and boredom away, seeking for challenges or risky activities, and feeling mature [5].

Based on the noted facts, it can be concluded that the presence of the present cyber market in influencing drug abuse is influenced by various aspects both internally and externally from within teenagers. For this reason, this article is written as an attempt to analyze what factors play a dominant role in the cyber market process of drug abuse among teenagers from the perspective of the cybernetics theory proposed by Talcott Parson. Therefore, by employing 'an analytical knife' to examine the perspective of Cybernetics theory, it is expected that the results of the analysis can give answers about the factors affecting drug abuse performed by teenagers through related cyber market analysis.

## 2 Method Research

In this study, the authors used qualitative research methods. The research method uses qualitative methods and a descriptive approach. Qualitative methods are often called naturalistic research methods because their research is carried out in natural conditions [6]. This research method is used to analyze and provide an overview of the meaning of the theory with the current circumstances and problems accompanied by data and theoretical foundations.

## 3 Discussion

*Cybernetics/Cybernetics Theory* is a theory or approach initiated by Talcott Parsons, assuming that society is a system consisting of interrelated and reciprocal subs. According to Parson, society forms a functionally integrative system in equilibrium. Specifically, this theory assumes that there are types of sub-systems within a civilized society, each of them having interrelationships, attachments, and influences and influences each other. The sub-systems include social sub-systems, cultural sub-systems, political sub-systems, and economic sub-systems, more popularly referred to as AGIL [7].

According to Parson, human behavior in society is limited by two basic environments in which each of which is in physical form, i.e., the physical-organic environment and the ideal environment called the ultimate reality environment. There are sub-systems between the two environments called hierarchical units, such as sub-systems that maintain patterns, integration, and politics which function to pursue goals, and economic sub-systems that perform adaptation. The following Table 1 shows an overview of Parsons' Cybernetic relationship [8].

According to Raharjo, Parsons' chart showing relations is called cybernetic relations. It takes place through the process of information flow from sub-systems with higher levels of information to sub-systems with lower levels of information. In contrast, if the current from the sub-system is low, the current is controlled by the higher sub-system in this condition. Within the framework of these sub-systems, an appropriate law may be

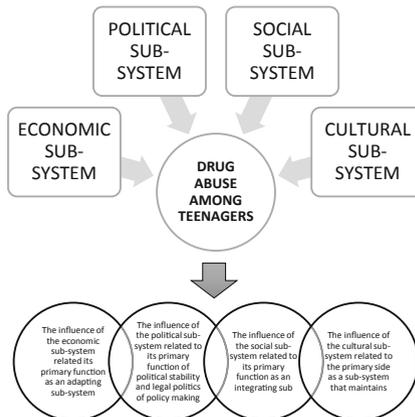
**Table 1.** Cybernetic Relationship

Sub-System	Primary Functions	Information and Energy Flows
Culture Social Politic Economic	Mempertahankan pola Integrasi Manajer Tujuan Adaptasi  Maintaining the Adaptation Goal Manager's Integration pattern	

Source: Satjipto Raharjo

applicable for and may enter into cultural sub-systems and social or political sub-systems through the political aspect of the law on policy-making [9].

Based on the cybernetics theory as described above, the existing fact that the present cyber market for drug abuse among teenagers is increasing. It is influenced by the sub-system as described in this theory, such as the social sub-system, cultural sub-system, political sub-system, and economic sub-system. The process forms a system related to its influence as follows.



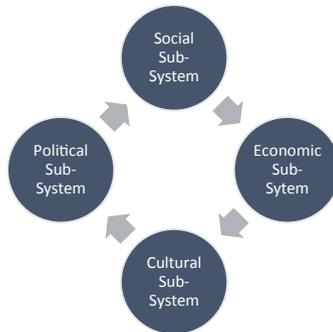
After understanding the pattern of influence of the sub-systems in the cyber market process of drug abuse among teenagers, what counts as reflection is which influence has the dominant side in influencing the behavior of drug abuse performed by teenagers. Looking at the psychological factors of teenagers, drug abuse is a requirement for social

factors that are influenced by their environment. Also, from a side-by-side perspective, economic factors play a key role that dominating the supply of drugs through trafficking.

The influence of the social and economic sub-systems has an energy level in the cyber market of drug trafficking among people. Although, the influence of sub-culture and sub-politic systems is also a crucial factor in influencing the presence of drug trafficking among teenagers. In the framework of the social sub-system, a law may apply to the social sub-system based on the theory proposed by Raharjo [10]. Raharjo, well-known as the founding father of progressive law, conveyed the legal paradigm which states that law is not merely a logic, but rather a genuine science [11]. He said that the difference lies in practical law which uses the rule of law paradigm, while progressive law uses the people paradigm [12].

In addition to the social sub-system that plays a significant role in influencing drug abuse among teenagers. The existence of a market response is also a strong influence that creates a tendency to open up opportunities from an economic perspective. The existence of the social tendency is then captured by parties who have the capital and opportunity to contribute to the distribution of drugs both nationally and internationally.

The tendency to open up opportunities is then influenced by cultural aspects when the development of the times requires an unlimited system. The fast-paced development of the world also brings changes to the drug supply system. Through the cyber market network, this prohibited object can easily penetrate the market share. Besides, the changes in the marketing system, if this is seen from the current legal politics in Indonesia, the lack of regulation related to cyber aspects also makes tracking difficult. For this reason, legal instruments in Indonesia are not sufficient to overcome invisible problems in cyberspace.



Based on the close relationship among the sub-systems in the cyber market analysis of drug abuse among teenagers, it highlights that the sub-system aspects in cybernetics theory are not only applicable to the flow of sub-systems through higher sub-systems to lower sub-systems. However, all the sub-systems are a cycle that has an important role in one another. Based on the cycle, its relationship can be described as follows [13]:

As a social sub-system, law integrates individual activities and prevents the occurrence of inconsistencies between *das sein* and *das sollen* which can lead to conflicts in

social dynamics. As the closest sub-system, the economic sub-system adapts to the bio-physical environment. This is then why opportunities exist in the social and economic nature, which then form elements of the cultural sub-system that are not supported by adequate political policies [14]. This is then why social factors influence teenagers in drug abuse, creating economic opportunities along with an incompatible culture of legal. Hence, it leads to a legal loophole that has a fatal impact on drug trafficking among teenagers.

The idea of legal reform in Indonesia is essential to be crystallized from such aspects, and thus, it is not only intended to carry out reforms (*ansich*), but also to realize legal reforms in the drug sector with a progressive character, meaning that legal reform is a form of concretization of the values system that exists in society as the result of contemplation using Cybernetics Theory. This is underlined by an aspired state, i.e., compatibility between the law and the value systems. As a result, changes in the value system must be followed by legal reforms [15].

## 4 Conclusion

Based on the discussion, the presence of a cyber market in drug abuse among teenagers is an issue that is influenced by social factors that have an impact on the response of the drug trade market followed by law as a culture in terms of instruments and enforcement that has not been able to overcome the development of market share in cyberspace. It then tends to be more accessible to teenagers, causing deadlocks and even unclear handling. Therefore, in this case, it is crucial if the government makes a policy based on the political sub-system to give responses and actions to the development of *modus operandi* about the political policies.

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