

2024年度 リポジトリ担当者の基礎知識研修 実務紹介(1)

# 学術コミュニケーションと機関リポジトリの基礎知識

2024年9月3日 JPCOAR イベント運営作業部会



## 1. 学術コミュニケーションの基礎知識

- ① 学術雑誌とはどのようなものか
- ② 論文とはどのようなものか
- ③ オープンアクセスとはどういうことか

## 2. 機関リポジトリの基礎知識

- ① 機関リポジトリとは
- ② オープンアクセスに関する政策と動向
- ③ 機関リポジトリ業務担当者の役割



## 1. 学術コミュニケーションの基礎知識

- ①学術雑誌とはどのようなものか
- ②論文とはどのようなものか
- ③オープンアクセスとはどういうことか



## 科学的発見/知見

それを生み出した のが私だと世界 に認知してほしい

その科学的真価 を認めてほしい

世に広まって ほしい 後世にも伝えたい

"Smaismrmilmepoetalevmibunenugttaviras" altissimum planetam tergeminum observari. 4

## 1. 学術コミュニケーション ①学術雑誌とはどのようなものか



それを生み出した のが私だと世界 に認知してほしい

## "学術雑誌の4機能"

論文の先取 権の確立 査読による 質の保証 その科学的真価 を認めてほしい

世に広まって ほしい \*知見を世に 知らせる 知見を後世に伝える

後世にも伝えたい

ヘンリー・オルデンバーグ氏の書簡(1664~1665)より。同氏は、世界最古の学術雑誌と言われるイギリス王立協会「フィロソフィカル・トランザクション」(1665~)創刊時の事務総長



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  - ・収入は所属機関の給与など。学術的名声を得て、ポストを獲得することが間接的に収入に寄与

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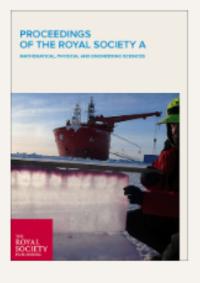


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#### Research

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#### Subject Areas:

destrical engineering, applied mathematics. systems theory

power packet, router, network flow problem, dectrical energy network

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### Power packet transferability via symbol propagation matrix

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A power packet is a unit of electric power composed of a power pulse and an information tag. In Shannon's information theory, messages are represented by symbol sequences in a digitized manner. Referring to this formulation, we define symbols in power packetization as a minimum unit of power transferred by a tagged pulse. Here, power is digitized and quantized. In this paper, we consider packetized power in networks for a finite duration, giving symbols and their energies to the networks. A network structure is defined using a graph whose nodes represent routers, sources and destinations. First, we introduce the concept of a symbol propagation matrix (SPM) in which symbols are transferred at links during unit times. Packetized power is described as a network flow in a spatio-temporal structure. Then, we study the problem of selectine an SPM in terms of transferability, that is, the possibility to represent given energies at sources and destinations during the finite duration. To select an SPM, we consider a network flow problem of packetized power. The problem is formulated as an M-convex submodular flow problem which is a solvable generalization of the minimum cost flow problem. Finally, through examples, we verify that this formulation provides reasonable packetized power.

#### 1. Introduction

Electric power has been considered as a continuous flow based on circuit theory, in which power flow is governed by Kirchhoff Laws and Tellegen's theorem [1]. The circuit theory can be generalized to represent various nonlinear complex systems in the system topology with energy dissipation and energy storage as a network

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on theory [3] that 'all technical all technical communications of random binary digits' [4]. nner by using packet switching, ynamic assignment of network er, power distribution will be r, we consider electrical energy ver packetization [6-15].

mage complicated power flows regulation [16]. In the proposal, rere installed into the electrical e according to the flow control for the difference between the ork, power packet transactions e concept of power packet also ciure, rooted in lessons learned ened for distributed renewable 'Energy packet networks' were servers [20]. There is a proposal r is delivered through discrete versal power router is designed nd, in most of these proposals, nysical design is not mentioned. ith electric power in the same power has been high-power sed with low-power and highical layer and the logical layer, aging power

con carbide (SiC) and gallium device operation at potentially current SI technology [23,24]. high-frequency switching over high-frequency electricity, and In the developed system, an ket with its voltage waveform. dual packet level. A schematic The system consists of network inding to the tag's information. power due to different sources. send the power packets using

the power at each line by using the nits to identify the different kinds ackets between routers [10,14,15]. ransfer. In Shannon's information gitized manner [3]. Referring to this inimum unit of power transferred ymbol is a minimum unit of power, ansferred during a unit time in the y determined as a real number.1,2 f messages and energy with symbol of messages is treated as a coding the length of codewords. In power en energy during a finite duration resentation is a problem unique to ed with a set of symbol sequences

ation, which was introduced in [12]. on problem of power packetization. etworks. Then, packetized power is and quantized manner: a symbol is is represented with symbols sent to

d power, we refer to the work about sequences [27,28]. In this work, to over a sufficiently long time period ies are designed by prioritizing the firected acyclic graphs whose edges with their matching probability in

w concept to represent packetized mporal correspondence. In power each symbol has its energy and poral connectedness is important in 'strain', i.e. the spatial difference stored in each router. Then, we ferability, that is, the possibility to g the finite duration. To select an er, weighting supplied energy from energy at each link during each unit he problem is formulated as an Malization of the minimum cost flow

provides reasonable transmission wer with a network flow problem, rgy packet networks with queueing ly different from our problem, it is sing a specific system similar to the discuss our formulation referring to

inuted as resistive. Thus, power is discussed

ingle symbol. The proporties that symbols do terms of redundancy of the system.

a power pulse with an information tag. Here, packetized power is spatially and temporally transferred as symbols in a digitized and quantized manner. At each node, the energy is represented as the total amount of energy of symbols which are sent to and received from neighbouring nodes during a finite duration.

To mathematically represent such transmission of packetized power, we introduced the SPM. in which a symbol is transferred at a link during a unit time. Via SPM, packetized power is described as a network flow in a spatio-temporal structure. Then, we considered a network flow problem for selecting an SPM in terms of transferability, that is, the possibility to represent given energies at sources and destinations during the finite duration. In networks, packetized power appears as supplied energy from sources and supplied energy to destinations (V1), transferred energy at each link during each unit time (V2), and change of stored energy in each router (V3). Setting a laminar family of subsets of nodes in spatio-temporal structure for the costs of V1 and V3, we can formulate this problem as an M-convex submodular flow problem which is a solvable generalization of the minimum cost flow problem. Unlike conventional minimum cost flow problems, here, we weighted not only values of network flow (V2) but also values of boundary of network flow and their time integrals (V1 and V3). Finally, the formulation was discussed through examples and it is shown that power can be packetized and be controllable while preserving reasonable properties of power.

The established packet-centric framework is completely different from the circuit theory, in which power is handled in a continuous manner and is governed by Kirchhoff Laws and Tellegen's theorem [1]. Here, the concept of a power packet is introduced as a unit of electric power, so that power is digitized and quantized. The results of this paper suggest a mathematical framework which integrates energy and information in electrical energy networks.

lists acceptability. This work does not have any experimental data. All computational results were obtained with the cycle-cancelling algorithm [29]

luttors' contributions. The concept of SPM was conceived by S.N. and A.M. The network flow problem was formulated and numerically simulated by S.N. T.H. designed the power packet network and initiated the study. The paper was drafted by S.N. and carefully revised by all the authors. All authors gave final approval

ing intensity. We declare we have no competing intensity

of this work were financially supported by the Cross-Ministerial Strategic Innovation Program w Energy and Industrial Technology Development Organization, Japan, and by the Super Cluster Program (Kyoto) from the Japan Science and Technology Agency. The work of the author (S.N.) was financially supported, in part, by Kyoto University.

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- 1. Desoer CA, Kuh ES. 1969 Basic circuit theory, ch. 9. New York, NY: McGraw-Hill
- Osier G, Perelson A, Kaichalsky A. 1971 Network thermodynamics. Nature 234, 393–399. (doi:10.1038/234393a0)
- Shannon CE. 1948 A mathematical theory of communication. Bell Syst. Tech. J. 27, 379–423 and 623-656. (doi:10.1002/j.1538-7305.1948.ib01338.x) 4. Massey IL. 1984 Information theory: the conemican system of communications. IEEE
- Commun. Mag. 22, 26-28. (doi:10.1109/MCOM.1984.1091871)
- 5. Kleinrock L. 2010 An early history of the Internet [history of communications]. IEEE Commun Mag. 48, 26-36. (doi:10.1109/MCOM.2010.5534584)
- 6. Takuno T. Kovama M. Hikihara T. 2010 In-home power distribution systems by circuit switching and power packet dispatching. In Proc. 1st IEEE Int. Conf. Smart Grid Commun., Gaithersburg, MD, 4-6 October, pp. 427-430. Piscataway, NJ: IHEE.
- 7. Takahashi R, Takuno T, Hikihara T. 2012 Estimation of power packet transfer properties on Indoor power line channel. Energies 5, 2141-2149. (doi:10.3390/en5072141)

Bulgaria, 26-29 May, zet distribution network: esting, IEEE Access 4,

ithms, pp. 28-37. New

Distrib. 143, 313-320.

v harvesting. In Proc.

v

uge. Power Del., Singapore, ibution system based on 81, 143-150, (doi:10.1541/ 607 9 Closober z K. 2008 An architecture

618-626. (doi:10.1109/

chine with second-order

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Energy 2030 Conf., Atlanta. sore for the cloud. In Proc. New York NV: ACM ith controlled-delivery of

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F, Kimoto T, Hikihara T. emperatures, IEEE Trans.

survey of wide bandgap 2155-2163. (doi:10.1109/

cult for a normally-on SIC pL, Barcelong, Spain, 8-10

. 2015 High-speed gate

ess 12, 1-8, (doi:10.1587/ les for pedestrian motion

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electrical engineering, applied mathematics,

power packet, router, network flow problem,

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### この論文の題名

## この論文の著者

自然科学分野では複数名 の共著であることが多い

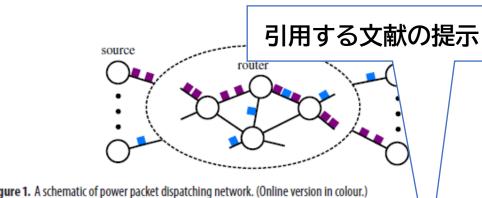
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## 著者を表す記号 [ORCID]

この例は筆頭著者の縄田 信哉先生のもの

## jpcod



ermodynamics [2]. Here, energy flow is handled in a continuous manner under the conservation energy. On the other hand, it is shown in Shannon's information theory [3] that 'all technical ommunications are essentially digital; more precisely, that all technical communications e equivalent to the generation, transmission and reception, of random binary digits' [4]. In this paper, we consider electrical energy and completely different from the conventional. In this paper, we consider electrical energy

power, so that power is digitized and quantized. The results of this paper suggest a mathematical framework which integrates energy and information in electrical energy networks.

Data accessibility. This work does not have any experimental data. All computational results were obtained with the cycle-cancelling algorithm [29].

Authors' contributions. The concept of SPM was conceived by S.N. and A.M. The network flow problem was formulated and numerically simulated by S.N. T.H. designed the power packet network and initiated the study. The paper was drafted by S.N. and carefully revised by all the authors. All authors gave final approval for publication.

Competing interests. We declare we have no competing interests.

Funding. Parts of this work were financially supported by the Cross-Ministerial Strategic Innovation Program from the New Energy and Industrial Technology Development Organization, Japan, and by the Super Cluster Program (Kyoto) from the Japan Science and Technology Agency. The work of the author (S.N.) was financially supported, in part, by Kyoto University.

Admowledgements. The author (S.N.) thanks the current and former members of the Robotics, Perception and Learning Laboratory of the Royal Institute of Technology (KTH) for fruitful discussions. The authors acknowledge three anonymous referees for their helpful comments on the initial draft.

#### References

- 1. Desoer CA, Kuh ES. 1969 Basic circuit theory, ch. 9. New York, NY: McGraw-Hill.
- Oster G, Perelson A, Katchalsky A. 1971 Network thermodynamics. Nature 234, 393–399. (doi:10.1038/234393a0)
- 3. Shannon CE. 1948 A mathematical theory of communication. *Bell Syst. Tech. J.* 27, 379–423 and 623–656. (doi:10.1002/j.1538-7305.1948.tb01338.x)

科学の発展=先人の業績を踏まえ、新たな知見を積み足す

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Massey II 1984 Information theory: the copernican system of ommunications. IEEE

systems by circuit

mart Grid Commun.,

26–28. (doi:10.1109/MCOM.1984.1091871)

a early history of the Internet [history of commulations]. IEEE Commun.

early history of the Internet [history of commu 0.1109/MCOM.2010.5534584)

M, Hikihara T. 2010 In-home power distri r packet dispatching. In *Proc. 1st IEEE Int.* 6 October, pp. 427–430. Piscataway, NJ: IEEE.

T, Hikihara T. 2012 Estimation of power plannel. Energies 5, 2141–

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# 学術情報の流通不全からオープンアクセス思潮へ

- ・ 世界の拡大、人口の増加、産業の発達、 科学の拡大、生まれる科学的知見の増大
- 論文数の増加、学術雑誌の増加
- 情報流通のコストは増えるが、それを支 えるべき大学の購買力には限度あり

学術雑誌

売れない!

学術雑誌に論文発表したら、それを 自分でもウェブで公開することにしよう

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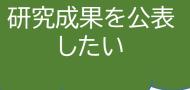
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## 1. 学術コミュニケーション ③オープンアクセスとはどういうことか







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ゴールドOA 費用 = APC負担

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## 1. 学術コミュニケーション ③オープンアクセスとはどういうことか







機関リポジトリなどの 掲載・閲覧無料の ウェブサイト →**グリーンOA** 



閲覧無料のジャーナル (ただし掲載に費用が かかる)

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研究·調査

## 1. 学術コミュニケーション ③オープンアクセスとはどういうことか









Nawata S, Maki A, Hikihara T. (2018)

Power packet transferability via symbol propagation matrix.



## 2. 機関リポジトリの基礎知識

- ①機関リポジトリとは
- ②オープンアクセスに関する政策と動向
- ③機関リポジトリ業務担当者の役割

## 2. 機関リポジトリの基礎知識 ①機関リポジトリとは



<機関リポジトリの目的>

各機関で生成される学術研究の成果物を収集・保存・公開し、更なる文化の発展に貢献すること

(神話)読者のための論文提供サービスである

(真実)著者のための可視性向上サービスである

(神話)著者の許諾の下に、図書館が論文を公開する

(真実)著者が自らの意志で論文を公開する。大学(図書館)はそのための場所を提供する

(神話)機関リポジトリの発展により、電子ジャーナル価格の上昇が抑制される

(真実)抑制されない。電子ジャーナル価格上昇に対する著者サイドの対抗策である

## 2. 機関リポジトリの基礎知識 ②オープンアクセスに関する政策と動向



- ・ 2023.5 G7広島サミット/G7仙台科学技術大臣会合 →オープンサイエンスにおける国際連携を盛り込んだ声明を採択
- 2023.6 統合イノベーション戦略2023
  - →「新たな研究システムの構築(オープンサイエンスとデータ駆動型研究等の推進)」にて、2025年度 公募分からの公的資金による学術論文の即時オープンアクセスについて明記
- 2024.2 学術論文等の即時オープンアクセスの実現に向けた基本方針
  - →学術雑誌への掲載後、公的資金による学術論文、及び根拠となるデータを即時に機関 リポジトリ等の情報基盤へ掲載することを義務づける
- 2024.8「学術論文等の即時オープンアクセスの実現に向けた基本方針」の実施にあたっての具体的 方策に係る説明会
  - →「基本方針」の改定案を公開、即時OAできない際の対応や達成率の確認方法について記載

## 2. 機関リポジトリの基礎知識 ②オープンアクセスに関する政策と動向





理念

公的資金により生み出された研究 成果の国民への還元と地球規模 課題の解決に貢献 国全体の購読料及びオープン アクセス掲載公開料の総額の 経済的負担の適正化

我が国の研究成果の発信 力の向上



2025年度新規公募分\*から、学術論文等の即時オープンアクセスの実現

\*学術論文を主たる成果とする競争的研究費制度を対象

- 1. 学術出版社に対する交渉力の強化
- 2. 研究成果を管理・利活用するための情報基盤の充実
- 3. 研究成果発信力の強化
- 4. 国際連携等

## 2. 機関リポジトリの基礎知識 ③機関リポジトリ業務担当者の役割



<機関リポジトリ業務担当者の役割>

研究者が研究成果物を公表する際に必要な支援を行うこと

- =各機関内のオープンアクセスに関する業務全般
- 機関リポジトリシステムにデータを登録する
- オープンアクセスに関する情報を伝える
- オープンアクセス化を支援する
- オープンアクセス方針を整備する…etc.

★業務上で得た知識や情報・人脈は、他の業務にも生かすことができる



これで本講は終わりです。